WORLD'S FINEST

# ELECTRONIC SURPLUS

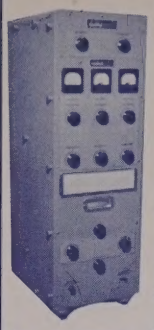
**Catalog No. 71-2**

**Our 24th Year**

**MANY NEW ITEMS**

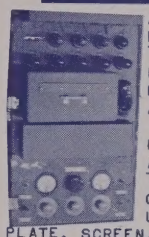
**CHECK EVERY PAGE!**

## TRANSMITTER



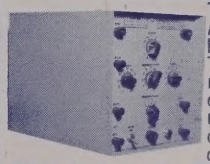
RCA ET-8019-A RADIOTELEGRAPH TRANSMITTER AN/SRT-4A AM-CW-MCW 2000 TO 22,140 KC IN FOUR BANDS 200 WATTS, CRYSTAL OR MASTER OSCILLATOR CONTROL. WITH TUBES 1/807 IN OSC. STAGE, 1/807 IN BUFFER AMPL. AND 2/813 IN POWER AMPLIFIER STAGES. METERS 3½" READ FIL. VOLTS. GRID CUR. PLAT CURR. OSCILLATOR DIAL 3½", PLUS ALL THE CONTROLS YOU NEED FOR A GOOD TRANSMITTER.
POWER SUPPLY 115 VDC @ 11 AMPS. SUPPLIES 1200 VDC 500 MA. 110 VOLTS 500 CYCLE, 1.59 AMPS, 75 VOLTS 83 CYC. 1.35 AMPS.
COMPLETE WITH TUBES, SPARE 813 & 807, MOTOR STARTER, FILTER, GENERATOR CONTROL, FUSES, BRUSHES, SNUBBER, 2 CRYSTALS, MANUAL ETC.
TRANS. SIZE: 39" HIGH, 14½" WIDE, 19½" DEEP. 135
GENERATOR SIZE: 27½x9½x14½. WT: 236 LBS.
SHIPPED IN 3 WOOD BOXES TOTAL WEIGHT 794 LBS.
PRICE: RE-NEW ORIGNAL BOXES $150.00

## AUTO-ALARM RECEIVER



AUTO ALARM RECEIVER AR-8600X FOR 500 KC DISTRESS FREQUENCY. THE INTERNATIONAL AUTO ALARM SIGNAL CONSISTS OF A SERIES OF DASHES FOUR SECONDS IN LENGTH, SEPARATED BY SPACES HAVING A DURATION OF ONE SECOND. WHEN THE CORRECT SIGNAL IS RECEIVED IT WILL ACTUATE THE WARNING BELL.
THIS RECEIVER-SELECTOR WAS DESIGNED FOR SHIPBOARD USE AND REQUIRES 115 VDC 1.5 AMPS. FOR THE PLATE, SCREEN. FILAMENT VOLTAGE ALSO 6 VDC FOR THE BELL AND RELAY, MAX. 3 AMP. WITH TUBES 2/6K7, 1/6H6, 1/6A8 & 5/1611. w/ALARM BELL
SIZE: 26x14x11; SHPG. WT: 100 LBS. MANUAL $7.50
PRICES: SERVICEABLE; USED $50.00 UNUSED $75.00

## SCOPE ACCESSORY

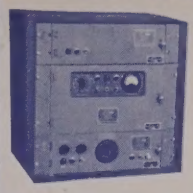


TS-433/U SQUARE WAVE GENERATOR-SIGNAL AMPLIFIER AND ELECTRONIC SWITCH.
THE ELECTRONIC SWITCH MAKES POSSIBLE THE SIMULTANEOUS OBSERVATION OF TWO RECURRENT PATTERNS ON THE SCREEN OF A CATHODE RAY OSCILLOSCOPE BY PROVIDING 2 INDEPENDENT TIME BASES. DIRECT COMPARISONS OF AMPLITUDES, WAVEFORMS, FREQUENCIES AND PHASE RELATIONSHIPS MAY BE OBSERVED... A SQUARE WAVE VOLTAGE OF VARIABLE FREQ. AND AMPLITUDE IS AVAILABLE AT THE OUTPUT TERMINALS FOR USE AS A TEST SIGNAL IN STUDING THE TRANSMISSION CHARACTERISTICS OF VACUUM TUBE AMPLIFIERS OR OTHER CIRCUITS.... DIRECT COUPLED AMPLIFIERS ARE DESIGNED FOR "CHOPPING" A DC SIGNAL MAKING IT SUITABLE FOR TRANSMISSION THROUGH THE AC AMPLIFIERS WHICH USUALLY ARE FOUND IN OSCILLOSCOPES. SWITCHING RATE CONT. VAR. 10 TO 2000 TPS... SQ. W. GEN. CONT. VAR. 10-500 CPS. AMPL. CONT. VAR. TO AT LEAST 30 v. P TO P... SIG. AMPL. FREQ. RESP. UNIFORM 0 TO 5000 CPS. INPUT IMP. 100,000 OHMS, OUTPUT IMP. 50,000. POWER REQ. 115/230 v. 50/60 CYCLE.
SIZE: 15½x13½x18; WT: 20 LBS. USED $24.95
PRICES, SERVICABLE NOT CHECKED UNUSED $32.95

## U.H.F. RECEIVER

R-48/TRC-8 RECEIVER F.M. 230 TO 250 MC. ONE BAND VARIABLE TUNING, VOLTAGE REQUIRED 115/230 60 CYC WITH SPEAKER, PHONE JACK, SQUELCH CIRCUIT 2½" METER FOR CIRCUIT CHECKING. WITH TUBES 8/6AG7, 1/9002, 1/5U4, 1/6V6, 1/VR-150, 1/6N7, 1/6SN7, 1/6AL7. SIZE: 20x19x16; WT: 75 LBS. USED $34.95

## RADIO TELEPHONE LINK



AN/TRC-47 RADIO SET IS PRIMARILY USED AS PART OF A 3 MILE SINGLE CHANNEL RADIO LINK IN A TWO WIRE TELEPHONE SYSTEM. A CONVERTER IS USED TO CONNECT THE TWO SYSTEMS. THE UNIT IS SINGLE CHANNEL AM CRYSTAL CONTROL FOR USE IN THE 132 TO 150 MC BAND AND REQUIRES 115 OR 230 VOL 50 TO 400 CYCLE FOR OPERATION. THE TRANSMITTER OUTPUT IS 7 WATTS AND COMES WITH TUBES 1 EA. 2E26, 5763, 5R4, 6AK6, 0A2 12AX7, 2 EA. 12AU7 & 6L6, TUNING METER & METERING SW.....RECEIVER HAS SPEAKER AND TUBES 1 EA. 12AT7, 6AQ5, 12AX7, 6AX5, 2 EA. 6BA6, 6J6, 0B2 & 4/6AK5... THE CONVERTER IS A COMBINED RINGING SIGNAL CONVERTE AND ELECTRONIC HYBRID NETWORK. IT CONVERTERS A 20 CYCLE SIGNAL TO A 800 CYCLE AND 800 CYCLE FROM THE REC TO 20 CYCLE SO THE SIGNALS CAN BE TRANSMITTED AND ADAPTES TO TWO AND FOUR WIRE TEL. SYSTEMS. WITH TUBES 3 EA. 12AT7, 1 EA. 6AS6, 6AK6, 0B2, 2/0A2 & 3/6X4.
CABINET SIZE 21½x14⅝x22½; SHPG. WT; 100 LBS.
PRICES: USED SERVICEABLE $59.50 UNUSED $79.50

AS-813/TRC-47 GROUNDPLANE TYPE CORNER REFLECTOR ANTENNA FOR USE IN THE 132-150 MC BAND WITH DIRECT RADIATION ALONG A NARROW BAND, 50 OHM IMPEDANCE. THE BASE IS MADE OF PERFORATED ALUMINUM PLATE WITH ALUMINUM FRAME AND IS TRIANGULAR IN SHAPE, 65" ON 2 SIDES AND 89" IN FRONT. THE ELEMENT IS MOUNTED IN THE CENTER AND IS ADJUSTABLE FROM 17 TO 21⅝ IN. TWO SIDES OF THE REFLECTOR ARE FORMED 16 VERITACLE RODS 42" LG. THAT ARE SCREWED INTO THE FRAME. THE UNIT CAN BE MOUNTED ON A POLE OR MAST. SHIPPING WT: 55 LBS. SENT KNOCKED DOWN BY MOTOR FREIGHT OR REA ONLY. $30.00

MANUAL FOR AN/TRC-47 RADIO SET.....$10.00

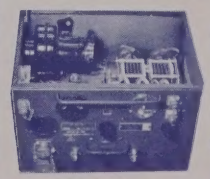
## RECEIVER

THIS IS ONE OF THE BEST RECEIVERS THE ARMY HAS USED FOR MANY YEARS. THEY ARE HIGHLY SLECTIVE AND SENSITIVE FOR USE IN THE 1,500 TO 18,000 KC RANGE IN SIX BANDS WITH BFO, CRYSTAL PHASING, MVC, AVC FAST AND SLOW TUNING, LARGE ILLUM. DIAL, CW-OSC. CONT., REC-SEND SW., VOL. CONT., MIC. JK, SPEAKER & PHONE JK, ALIGN-ANT. CONT., 470 KC IF., WITH TUBES 2/6C5, 4/6K7, 1 EA. 6F6, 6L7, 6R7
THIS REC. IS SAME AS BC-312 ONLY LATER VERSIO
SIZE: 18x9½x9; WT: 60 LBS.
R-336 REC. W/RA-20 115 V 60 CYCLE POWER SUPP. USED SERVICEABLE $65.00 USED CHECKED $84.95

OA-65 REC. W/RA-20 115 V. 60CYC P.S. 2 CAN BE USED TO MAKE A DUAL DIVERSITY IN CONJUCTION WITH O-59 OSCILLATOR-AMPLIFIER.
USED SERVICEABLE $75.00 USED CHECKED $89.95
O-59 OSCILLATOR-AMPLIFIER USED SERVICEABLE $10

RA-20B POWER SUPPLY 115v60c SERVICEABLE $20.
DM-21 DYNAMOTOR 12 VDC USED " $10.
FT-162 SHOCKMOUNTING UNUSED $2.95
PL-114 PLUG & CABLE F/REMOTE USE $2.75

## POWER AMPLIFIER



AM-8/TRA-1 POWER AMPLIFIER FOR 70-100 MC F.M 200 WATT WITH A RF INPUT OF 25 WATT (APPROX.) IMPEDANCE 70 OHM USES 2/4E27 TUBES IN CLASS "C" PUSH-PULL TUNED PLATE CIRCUIT AND 3/0D3 V.R TUBE THE FILAMENT TRANSFORMER 5 V.CT 15 A. IS SUPPLIED IN THE UNIT, -100 VDC, 450 VDC @ 40 MA AND 2000 VDC 250 MA ARE ALSO REQUIRED BUT ARE NOT IN THE UNIT. A 115 V. 60 CYCLE BLOWER IS ALSO IN THE EQUIP. VAR. CAP. DUAL 5-50 & 7-35 MMF
SIZE: 16x10½x12; WT: 55 LBS. IN CHEST 100 LBS
PRICES: USED $18.95 RE-COND. $24.95 CHEST $3

**ORDERING INFORMATION**
**SEE PAGE 2**

**MINIMUM ORDER $3.00**


# *Fair Radio Sales Co.*

*P. O. Box 1105 - - 1016 E. Eureka St.*

*Lima, Ohio 45802 419/223-2196*


**CATALOG INFORMATION**

**This IS the only catalog we will issue this year.**

**A supplement will be sent in the Fall.**

# FAIR RADIO SALES

1016 E. EUREKA
BOX 1105, LIMA, OHIO 45802
TEL: AREA CODE 419 223-2196
STORE HOURS
9:00 A.M. TO 5:30 P.M.
MONDAY THRU SATURDAY

## TERMS

PRICES NET, F.O.B. LIMA, OHIO
SEND CASH, CHECK or MONEY ORDER with PURCHASE ORDER.

MINIMUM ORDER $3.00.
Orders less than $3.00
ADD $.50 HANDLING CHARGE.

Include sufficient money for shipping charges. (UNUSED PAYMENTS RETURNED AT ONCE.) Otherwise we will send shipping charges collect.

**C. O. D. ORDERS,** SEND 25% of PURCHASE with ORDER. BALANCE will be COLLECTED UPON DELIVERY.

When writing for information PLEASE state what specific information you desire.

ONE (1) MADC MOVEMENT, FACE MARKED "SET TO RED LINE" CENTER RED LINE. TRIFOLET 327-T 3" SQ.
#6625-255-0121 NEW $5.95

500 MICROAMP DC MOVE. FACE MARKED "SET TO RED LINE" LINE LEFT CENTER MARKED"6 V"TOP "150 V" BOTTOM. 3½" ROUND SEALED,RUGGEDIZ. TELECTRO TM-263.
#6625-255-0121 NEW $6.95

425 MICROAMPERES D.C. 4x4½ SCALE,TOP 0-60 BOTTOM 0-3/15/60 MARKED ACV DCV AND MILLIAMPERES.
P/O I-135E TEST SET, M-1 #P30033 USED $6.95

0-1 MADC SCALE, 1¾" SQUARE, SEALED RUGGEDIZED. MARION ELECTRIC. #MR13W001DCMA RE-MOVEDNEW $4.95

PHAOSTRON CLEAR PLASTIC CASE 50 MICRO AMP D.C. 0-5 SCALE 3½" #715-16-20 $4.95 NEW

500 MICROAMPS. D.C. RES. 300 OHM DC. 1⅜"SQ. 1-3/8" MTG. DEJUR MOD. 112 STK#3F3312-6.6 $4.95

HOYT D.C. AMPERE METER 0-15 SCALE MIRRORED TYPE IN PORTABLE METAL CASE WITH TEST LEADS. SIZE 4½x2½ WT: 3 LBS. #17A5200 $3.95
SOLD OUT

MULTIMETER USED TO TEST AIRCRAFT CIRCUITS. FULL-SCALE 100 UA. 1100 OHMS 10% 4x4½x5 WT. 3 LBS USAF-5200-474900 $4.95

MICROMHOS DYNAMIC MUTUAL CONDUCTANCE USED IN I-177 TUBE CHECKER BASIC 0-1.4 MA. HICKOK #M547A STK# 3F1350 $4.95

INTERNATIONAL SCALE 0-5/25 FS-200 UA, 1½" HOLE MTG. MARK YDS X 1000 $2.95 NEW #6625-519-7432

WARNING TYPE RED KNOB IN FRT. CONTROLS RED POINTER WHICH MAY BE SET ANY WHERE ON THE DIAL. IF THE CURRENT FALLS TO THIS POINT IT CLOSES A CONTACT THAT CAN ACTUATE THE WARNING DEVICE SUCH AS RELAY,BELL ETC PLASTIC CASE 2½" FACE.N.M. #23399 0-1 DCMA #23665 0-100 DCMICROAMPS. USED $8.95 SPECIFY TY

TS-352 MULTIMETER REPLACEMENT METER 4½" FULL SCALE 50 MICROAMPERES. RUGGEDIZED SLD SCALES 0-3000 OHMS, 0-2.5/5/10 D.C, 0-2.5/5/10 A.C. #6625-669-0345 NEW $8.95 MX-815B/U MULTIPLIER KIT FOR TS-352 MULTIMETER $3.

SELSYN METER FOR CHECKING LEAD AND LAG. TERMINALS FOR 115 VOLT A.C. AND FROM SEL SYN. 4½" DIA. WESTON 543/245620 U $6.95

CARRIER LEVEL 0-100 DB SCALE FS=1 MA DC, SEALED 1-7/8" INTERNATIONAL #6625-841-3326-W180 NEW $3.95

DC AMMETER FS- 1 DCMA NEGGATIVE-CENTER- POSITIVE. CLEAR PLASTIC CASE, 1½" SINGLE HOLE PRESS MOUNTING. $3.95 ASP-368 INTERNATIONAL

MOTORAIDE REGULATOR
0-10 DCV SCALE
0-20 " "
0-60 DCA "
0-1 MA MOVEMENT
3½x5½; NEW $3.95

100-0-100 DC VOLT 300-0-300 DC VOLT SCALES WITH SHUNTS AND INSTRUCTIONS 3½" GE-DO-41BAA4 NEW $4.95

MATCHED METERS CHROME PLATED 2¾" SQUARE,2" HOLE MTG. 0-30 VOLTS DC #1046A-12 $1.95
DC AMPERES 400-0-400 SCALE INDUCTION TYPE MOVEMENT. #1696-1B $1.95

## DECIBELS

-8 TO 0 TO +6 SC. FS-3.79 VAC, 3½RD WEST#BA-33543 USED $3.95

-8 TO 0 TO +6 SC. 6 MILLIWATTS,600 OHMS,3½" RD. WESTON 301/21 USED $3.95

-10 TO 0 TO +6 6 MILLIWATT 600 OHMS, RECTIFIER TYPE WESTON 506/MR24W124 $2.95

POWER SET +6 TO 0 TO-3 2½" RD. FS-200 UA, WAGLINE 1496/400 RUGG/SEAL U $3.95

## A.C. AMPERES

GE AC AMMETER 0-125 SCALE 0-1 A 400 CYCLE MOVE. 2" SQ. #2319-6625-649-1982 NEW $3.95

0-75 ACA SCALE, 3½" ROUND SIMPSON MODEL 56 NEW $5.95

0-150 ACA SIMPSON NEW MODEL 56 3½" RD. $5.95
MODEL 57 3" SQ. $5.95

OTHER SCALES AVAILABLE, ADVISE US OF YOUR NEEDS.

## D.C. MICROAMPS.

0-200 D.C MICROAMPERES , 3½" ROUND. CENTER ADJUSTMENT. USED WE#167807 $4.95

0-300 D.C MICROAMPERES 2½" ROUND, RUGGEDIZED,BLK FACE, HICKOK 56R. #6625-668-9286 NEW $4.95

0-100 D.C MICROAMPERES 2½" ROUND, RUGGEDIZED,WHT. FACE, WESTON 1521. 6625-542-1691 NEW $5.95

1-3/3-10 MICROVOLT AND 5-50 % MODULATION SCALE, FS-100 MICROAMP.2½" ROUND RUGGEDIZED.GAR260/219 N $4.95

OTHER SCALE AVAILABLE. ADVISE US OF YOUR NEEDS.

## D.C. AMPERES

DC AMPERES 3½" 0-300 SCL USE W/ SHUNT 50 MV/200 A WESTON-M-643 ORD# 173030 $6.95

0-15 DCA SCALE, 2½" ROUND SIMPSON #126/MR24W015DCAA NEW $3.95

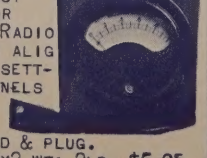
0-30 DCA SCALE, 2½" ROUND TRIPOLET 221T/ 3F1030-22 NEW $3.95

20-0-20 DCA SCALE,3½" RD. MARKED CHARGE-DISCHARGE WE#D164277 USED $4.95

0-150 DCA SCALE, 2½" RD. FS=15 MA. MOVEMENT. WEST.#12058528 USED $1.95

OTHER SCALES AVAILABLE, ADVISE US OF YOUR NEEDS

I-139 TEST METER FOR SCR-522 RADIO USED FOR ALIGNMENT & SETTING CHANNELS 0-1 MA METER WITH CORD & PLUG. SIZE:3x3x2 WT: 2LB. $5.95



## D.C. MILLIAMPS.

0-200 MADC SCALE, 2½" ROUND DEJUR S-210/MR252000CMA USED $2.95

0-200 MADC SCALE, 3½" ROUND GE#DO-41/CG-22063 NEW $4.95

0-200 MADC SCALE, 3½"SQUARE WESTON 301/9237 NEW $4.95

0-15 MADC SCALE WITH EXT. SHUNT SUPPLIED FOR 0-300 MA DC SCALE, 3½" ROUND. SIMPSON #3F901E5 NEW $5.95

0-25/250/500 SCALE,3½"SQUAR SIMPSON #6625-688-5037 NEW $4.95

0-5/10/50 GRID BIAS VOLT SC 0-1 MA. MOVE. D.C. RUGGEDIZ VARIOUS MFG.#MEB-1001 $3.95

0-500 MADC SCALE, 2½" ROUND VARIOUS MFG. NEW $5.95

0-50 MADC SCALE, 3½" ROUND WESTON 301 USED $4.95

0-25 MADC SCALE, 0-1 MA. MOVE. RUGGEDIZED, BLK, FACE WESTON #1521/GA-52832 USED $4.95

0-100 MADC SCALE, 0-1 MA. MOVE. 2½" ROUND, RUGGEDIZE BLK. FACE. WESTON #1521/ 51273. USED $4.95

MANY OTHER RANGES IN STOCK
USED 2½" ROUND OR SQ. $2.95
NEW " " " " $3.95
USED 3½" " " " $4.95
NEW " " " " $5.95

DC MILLAMPER 2¾" 0-15 & 0-300 SC. 0-300 SC. USE EXT. SHUNT .35 OHM USED W/BC-669 " VARIOUS MFG. STK#3F930-14 $4.95

## A.C. VOLTMETERS

0-150 VAC SCALE, 2½" ROUND SIMPSON#155/30514 NEW $3.95

0-10 VAC SCALE, 2½" ROUND TRIPOLET#232/CTO-22079 USED $2.95

0-3-10-30-100 VAC SCALES(4) 2½" ROUND, RUGGEDIZED,SEALED,FS=1.5 VAC#210-07231 UNUSED $4.95

0-300 VAC SCALE, 2½" ROUND WESTON RUGGEDIZED, DIRECT READING.#3F8300-72 N. $3.95

WESTON VAC SCALES, 3½" RD. 0-1 0-10 0-50 0-75 0-80 MODEL 301/476 SPECIFY RANGE DESIRED. USED $4.95

0-50 V 1000 CYC. SCALE, 3½ ROUND GE#VAT4M50 USED $4.95

MANY OTHER RANGES IN STOCK 0-1 TO 0-50, 3½" RD OR SQ ALSO 2½", SPECIFY SIZE & RANGE. 2½" USED $2.95; NEW $3.95; 3½" " $3.95 N $4.95

380 TO 420 CYCLES SCALE, 115 VOLT COILS, 5½" ROUND, FOR USE WITH EXT. REACTOR. WESTH.#DY/724979 USED$7.95

0-40 V 400 CYC. SCALE, 2½" ROUND,WESTON 507/S-15172 NEW $3.95

## D.C. VOLTMETERS

0-50 VDC SCALE, 2½" ROUND, MARKHAM,RUGGEDIZED SEALED MR265050DCV UNUSED $3.95

0-15 DC-AC VOLTS SCALE, 2½" ROUND, VARIOUS MFG. TYPE IS-122 USED $2.95

0-15 AC-DC VOLTS SCALE, 2½" ROUND, VARIOUS MFG. D.C. TYPE IS-122 USED $2.95

0-75 VDC SCALE, 3" RD. PROJECTION TYPE, WESTON 301, 1000 OHMS PER V.#248-7207 NEW $5.95

0-1.5 VDC SCALE, 2½" ROUND PHASTRON, RUGGEDIZED #683-9729 UNUSED $4.95

0-500 VDC SCALE, 3½" SQUARE HONEYWELL #231-1624 UNUSED $5.95

0-2 KVDC SCALE, 2-1/2" SQUARE, FS=1 MA. 1000 OHM P/V WESTON#506/668-9743 $4.95N

0-50 VDC SCALE, 4x4½ SQUARE 1000 OHMS P/V SIMPSON DRA# 38546 USED $5.95

0-100 VDC SCALE, 3½" ROUND FS=100 V. BURLINGTON#431/ MR35W USED $4.95

0-150 VDC SCALE, 3½" ROUND GENERAL ELECTRIC DO-41 USED $4.95

0-35 & 0-350 VDC SCALE, 3½ ROUND, FS=1 MA.#3F8350 UNUSED $4.95

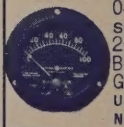
0-15 & 0-600 VDC SCALE, 2½ ROUND,FS=1MA. VARIOUS MFG. PC-90609C/3F6299 NEW $3.95

WESTON D.C. VOLTS, 3½" RD. 0-80 0-200 0-250 0-300 0-350 0-500 CHOICE, SPECIFY RANGE. USED $4.95

18-36 VDC SCALE, 2½" ROUND DIRECT READING. MARION ELECTRIC#HS-2/414A USED $2.95

WESTON MODEL 643 3½" FACE 4½" MTG 2" DEEP,2½" TERM #175606 0-50 VOLTS D.C. $12.95
No. 16184 D.C. AMPERES SC. 30-0-100 REQ. 50 MV SHUNT $12.95

## R.F. AMMETERS



0-100 SCALE, FULL SCALE 1.2 MA.MOVE. 2½" DIA. USED WITH BC-604/684. GE-DW-52 3F910-7 USED $1.95 NEW $2.95
WESTON USED $2.95 NEW$3.95
THERMOCOUPLE FOR DIRECT READING SCALE $1.00

0-150 RF MA SCALE,2½" ROUND SIMPSON, RUGGEDIZED 3F917-56/6625-668-5848 NEW $5.95

SAME AS ABOVE WESTON $6.95

0-20 R.F.A. SCALE, 3½" ROUND GE-D041/CG-22037 USED $4.95

CHOICE OF SCALES R.F.A. 2½" ROUND 0-1.5 0-5 0-9 0-10 USED $3.95 SPECIFY

OTHER R.F METERS IN STOCK SPECIFY SIZE AND RANGE.

# HIGH BAND • FM — TRANSMITTER — RECEIVERS • LOW BAND

R-394/U RECEIVER F.M. 152-172 MC. SINGLE CHANNEL CRYSTAL CONTROL DUAL CONVERSION, CRYSTAL FREQ. RANGE 24.033 TO 27.7 THIRD OVERTONE, TYPE CR-32/U, I.F. FREQ. 7.8 MC & 455 KC. 15 KC DEVIATION, OUTPUT IMPEDANCE 8 OHMS, POWER 6 WATTS, SQUELCH AND MUTING CIRC. MODULAR CONSTRUCTION WITH PLUG-IN UNITS FOR EASY SERVICING. 1ST R-F AMPL. UNIT W/TUBES 1/5840 2/1AD4★★★★★LOCAL OSCILLATOR UNIT W/TUBES 2/1AD4, 1/5678, 1/VR31-5783 ★★★★★1ST I-F 7.8 MC UNIT W/TUBES 3/5678★★★★★2D I-F AND DISCRIMINATOR UNIT WITH TUBES 7/5678★★★★★AUDIO AND SQUELCH UNIT WITH TUBES 3/5678, 1/5672, 1/6AK6 ALSO 455 KC SELECTIVE FILTER UNIT WHICH IS WIRED, NOT PLUG-IN. ILLUSTRATION SHOWS THE PLUG-IN UNIT AND THE COMPARTMENT WHERE THE POWER SUPPLY IS ALSO PLUGGED INTO. COVER IS SUPPLIED AND HELD IN PLACE BY A SPRING LOADED FASTNER. POWER SUPPLIES, CONNECTOR, CONTROL UNIT AND OTHER ITEMS THAT ARE USED WITH THIS SET ARE LISTED ELSEWHERE ON THIS PAGE.
SIZE: 8½x5¾x14½; WT: 19 LBS.
PRICES: USED GOOD CONTITION.....$14.95
GOV'T RE-CONDITIONED.... 22.50

R-257 RECEIVER 25 TO 50 MC FM SAME AS R-394 RECEIVER ONLY DIFFERENT FREQUENCY RANGE. USES ALL THE SAME ACCESSORIES POWER SUPPLIES, TUBES ETC. SAME SIZE AND WEIGHT.
USED $19.95

T-208/U TRANSMITTER F.M. 25 TO 50 MC 25 WATTS. SINGLE CHANNEL CRYSTAL CONTROL, 15 KC DEVIATION, VOICE ONLY TRANSMISSION. CRYSTAL UNIT CR-27/U, FREQ RANGE 1,562.5 TO 3125 KC. X 16 FOR ALL FREQUENCIES. 100 MV CARBON MIC. WITH TUBES 3/2E24, 1/3B4, 2/5672 4/5678 & 3/1AD4.
VOLTAGES REQUIRED ARE AS SHOWN WITH DYNAMOTORS DY-93/12 V, DY-98/24 V. DY-100/6 V.
SIZE: 8½x4½x14½; WT: 11 LBS. USED $29.95

CHASSIS CONNECTORS TO FIT R-394, R-257, T-416 T-278, T-208 & SUPPLIES

TRANSMITTER PLUG P-401 CHASSIS CONNECTOR NO'S J-801, CANNON# DPD-A32C2-33S-2L $2.50

RECEIVER PLUG R-252; CHASSIS CONNECTOR NO'S J-803, CANNON# DPD-A31C1-33S-2L $2.50

POWER SUPPLY PLUG P-1203; CHASSIS CONNECTOR NO'S J-802, CANNON# DPD-30-33S-22 $2.50

UG-77 PLUG ON 4½ FOOT CORD.....$1.00
H-33/PT HANDSET ON 4½' CORD WITH UG-77 U 5.95

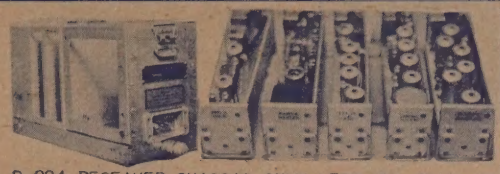
T-278/U TRANSMITTER F.M. 152 TO 174 MC APPROX. 30 WATTS, CRYSTAL CONTROL ON ANY TWO (2) PRESET FREQ. PHASE SHIFT MODUALTION 15 KC DEVIATION, CR-27/U CRYSTAL UNIT FREQ. RANGE 4750-5437.5 KC. MULTIPLIED 32 TIMES. WITH TUBES 2/3B4, 3/2E24, 4/5678, 2/5672 AND 2/1AD4.
VOLTAGES REQUIRED AS SHOWN WITH DY-93 DYNAMOTOR ELSEWHERE ON THIS PAGE. USED $18.95
SIZE: 8½x4½x14½; WT: 12 LBS. UNUSED $24.95

T-278 TRANS. LESS TUBES & CRYSTAL OVEN $8.95

## VHF TRANSMITTER-RECEIVER

SOLD OUT

GENERAL ELECTRIC FM TRANSCEIVERS 152 TO 174 MC CRYSTAL CONTROL SINGLE CHANNEL DOUBLE CONVERSION, 15 KC BAND WIDTH. 12 VOLT POWER SUPPLY. WITH CABLES AND CONTROL BOX.
TRANSMITTER 15 WATT, WITH TUBES 12AU7, 6AQ4, 2/6BJ6, 2/6BH6, 5763 & 2E26.
RECEIVER WITH TUBES 7/6BH6, 2/6AL5, 12AX7, 6AQ5, 12AT7, 6AK5 & 6U8.
GE MODEL #4ES12A3 SIZE: 10x7x17; WT: 40 LBS.
PRICE: USED $65.00



R-394 RECEIVER CHASSIS ONLY LESS ALL PLUG-IN UNITS AND FILTER, WITH CONNECTORS AND COVER. SHPG. WT: 10 LBS. USED $4.95

LOCKING RECEPTACLE FOR CHASSIS..... $.25

R-394 RECEIVER PLUG-IN UNITS ONLY
1ST R.F. AMPL. W/TUBES 1/5840, 2/1AD4 $3.95
LOCAL OSCILLATOR W/TUBES 2/1AD4, 1/5678 $4.95
1/VR31-5783 & CRYSTAL. (NO CRYSTAL CHOICE)
2ND I.F AND DISCRIMINATOR W/ TUBES 5678 $3.95
1ST I.F 7.8 MC. W/TUBES 3/5678 & CRYST $4.95
AUDIO & SQUELCH W/TUBES 3/5678, 1/5672 AND 1/6AK6 $3.95
SELECTIVE FILTER 455 KC. (NOT SHOWN) $2.95

VIBRATOR TYPE POWER SUPPLIES FOR USE WITH R-394 & R-257 RECEIVERS. THE OUTPUT OF THE SUPPLIES ARE THE SAME AND ARE

| | | | |
|---|---|---|---|
| 155 | VOLTS DC | @ 15 | MA. |
| 150 | " | @ 5 | " |
| 140 | " | @ 50 | " |
| -40 | " | @ .5 | " |
| 6.3 | " | @ .45 | AMPS. |
| 6.3 | " | @ 1.0 | " |
| 1.4 | " | @ 1.25 | " |

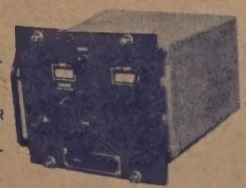
PP-867/U 24 VOLTS DC @ 1.1 AMPS USED $4.95
PP-868/U 12 " " @ 2.0 " " 9.95
PP-869/U 6 " " @ 3.7 " " 6.95
PP-846/U 115/230 V 60 CYC 2 AMPS " 18.95
(IN MAY 1969 ISSUE OF CQ SAM KELLY WROTE AN ARTICLE ON CONVERTING THE R-394 RECEIVER TO 2 METERS. HE ALSO STATED THAT THE D.C. INPUT UNITS CAN BE OPERATED FROM 115 V. 60 CYCLE BY USE OF A 6.3 V 8 AMP TRANSFORMER. FOR MORE INFORMATION SEE THE ABOVE ARTICLE.)

C-847 RADIO CONTROL BOX; USED TO CONTROL THE SYSTEM, HAS HEAVY ALNICO MAGNET 4" SPEAKER FOR MONITORING REC. CONTROLS FOR SQUELCH, VOLUME ON/OFF SW. PILOT LIGHTS AND RECEPTACLE FOR H-33 HANDSET WHICH HAS UG-77
SIZE: 9½x5½x3½; WT: 6 LBS. USED $8.95
H-33/PT HANDSET WITH CORD & UG-77 " 5.95

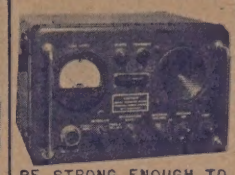
DY-93 DYNAMOTOR POWER SUPPLY
INPUT: 12 VDC @ 20 AMPS.
OUTPUT: 380 VDC @ 180 MA.
225 VDC @ 45 MA.
-25 VDC @ 5 MA.
USED WITH T-208 & T-278 TRANS.
SIZE: 8½x7x14; WT: 27 LBS.
PRICE: USED $9.95

## FM TRANSMITTER 70-100 MC

T-14/TRC-1 TRANSMITTER F.M. 70 TO 100 MC 40 W. 115/230 V 60 CYCLE INPUT. WITH TUBES 1/829, 4/6V6, 1/6SL7, 1/6SN7, 2/6AC7, 1/816 & 5R4. PHASE SHIFT MODULATION -30 KC., 2½" METER FOR MEASURING THE VOLTAGES OF THE DIFFERENT STAGES
CRYSTAL CONTROL ON ONE CHANNEL IN THE RANGE.
SIZE: 16½x10x12; WT: SHPG. 100 LBS.
PRICE: GOV'T RE-COND. $49.50
AM-8/TRA-1 POWER AMPLIFIER SHOWN ON PAGE1 OF THIS CATALOG CAN BE USED TO BOOST THE POWER 200 WATTS. PRICE: USED $18.95 RE-COND $24.95



AM-914/TRC CONVERTER AMPLIFIER, 225 TO 400 MC TUNEABLE OVER THE RANGE WITH DIAL INDICATION, CONSISTS OF 2 STAGES OF CASCADE RF AMPLIFICATION, A MIXER LOCAL ASCILLATOR AND BUFFER AMPLIFIER. OUTPUT FREA. 30 MC. WITH TUBES 4/6J4 & 1/5670.
VOLTAGES REQUIRED 150 VDC AND 6.3 VOLTS.
PLUG IN UNIT USED WITH R-417 RECEIVER.
SIZE: 7½x6½x9½; WT: 10 LBS. USED $34.95

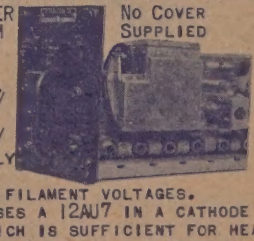


C-845/U RADIO SET CONTROL USED WITH R-394, R-257 RECEIVERS AND T-208, T-278 & T-417 TRANSMITTERS. CONTAINS A 3 TUBE MICROPHONE AMPLIFIER WITH A LINE LEVEL METER THAT ENABLES YOU TO ADJUST THE SIGNAL SO THAT IT WILL BE STRONG ENOUGH TO MODULATE THE TRANS. AFTER PASSING THROUGH THE INTER. 600 OHM LINE. HEAVY DUTY 4" SPEAKER IS PROVIDED FOR MONITORING THE RECEIVER. HAS TONE GENERATOR FOR SIGNALING PURPOSES, SPEAKER VOL. CONT. PILOT LIGHTS FOR POWER AND TRANSMIT. REQUIRES UG-77 PLUG FOR MIC. & PHONE SUCH AS ON H-33/PT HAND SET. (REQUIRES 155VDC 5MA, 160VDC 15MA & 6.3V) PP-846/U 115/230 V. 60 CYC POWER SUPPLY WAS DESIGNED FOR USE WITH THIS UNIT AND MOUNTS INSIDE AND IS AN OPTIONAL ITEM.
SIZE: 8½x13¾x13½; WT: 20 LBS. TUBES 2/12AU7-6AK6
PRICE USED LESS PP-846 POWER SUPPLY $14.95
" WITH " " " 29.50

CY-938 ELECTRICAL EQUIPMENT CABINET; USED TO HOUSE RECEIVERS R-394 OR R-257, TRANSMITTERS T-208 OR T-278 AND POWER SUPPLIES DY-93 OR DY-98 OR DY-100 FOR THE TRANSMITTERS.
THE UNITS SLIDE IN THE CABINET AND ARE HELD IN PLACE BY A HEAVY TWIST LOCK FASTENER. ELECTRICAL CONNECTIONS ARE MADE THRU THE PLUGS WHICH IN TURN ARE WIRED TO TERMINAL STRIPS BEHIND THE BULKHEAD. CABINET CAN BE MOUNTED IN ANY POSITION AND HAS A REMOVEABLE COVER FRONT AND BACK. (ILLUSTRATION SHOWS CABINET EMPTY AND WITH UNITS IN PLACE.)
SIZE: 17½x11¼x25; WT: 33 LBS.
PRICES: USED $7.95 UNUSED $9.95

BC-1000 FM TRANSMITTER-RECEIVER 40 TO 48 MC; PORTABLE LOW POWER TRANSMITTER 3 TO 5 MILES DEPENDING ON CONDITIONS, SINGLE CALIBRATED DIAL FOR TUNING RECEIVER AND TRANSMITTER, MICROPHONE AND PHONE JACKS ON FRONT PANEL, SQUELCH CIRCUIT AND AUTOMATIC FREQ. CONTROL, WITH TUBES 6/1T4, 5/1L4, 3/1S5, 2/3A4 & 1/1A3.
VOLTAGES REQUIRED FOR USE 4½ VDC @ .5 AMP. 90 VDC @ 25 MA & 150 VDC @ 50 MA.
SIZE: 11½x6x7¼; WT: 13 LBS. USED $24.95

CS-128 BATTERY CASE (EMPTY) FASTENS TO BOTTOM OF SET USED TO HOLD BATTERIES. 4 LBS. $1.95
AN-130 GOOSENECK ANTENNA 1 LB. 1.00
TS-15 HANDSET (OR EQUIVELENT) 2 LB. 4.95
TM-11-637 MANUAL 3.00



No Cover Supplied

R-316/ARR-26 RECEIVER 162.25 - 173.5 MC. FM DESIGNED TO RECEIVE SONOBOUY SIGNALS ON 16 PRE-SET CHANNELS. WITH TUBES 1/6J6, 2/6AL5, 1/6AS7, 1/6AU6, 1/12AU7, 1/12AV7 & 1/6AK5. NO POWER SUPPLY REQUIRES 280 VDC @ APPROX. 125 MA. AND FILAMENT VOLTAGES. OUTPUT OF THE SET USES A 12AU7 IN A CATHODE FOLLOWER CIRCUIT WHICH IS SUFFICIENT FOR HEADSET. (SCHEMATIC AND CONVERSION INFORMATION FOR 145-175 MC SUPPLIED WILL INCLUDE ADDITION OF AUDIO, SQUELCH AND 115 VOLT 60 CYCLE POWER SUPPLY CIRCUITS.)
SIZE 5x8x17; WT: 13 LBS. PRICE USED $22.95

## TRANSMITTER RECEIVER

RT-53/TRC-7 TRANSMITTER-RECEIVER 100 TO 156 MC AM VOICE, 1.5 WATT CRYSTAL CONTROL ON TWO PRESELECTED CHANNELS, 1½" METER FOR CHECKING OPERATION, MIC, PHONE AND MONITOR JACKS ALSO VOL CONTROL ON FRONT PANEL. WITH 16 TUBES 3/1AB5.3/1L4, 1/1S5, 1/1LA3, 5/3A5, 1/3Q4, 2/3A4. VOLTAGES REQUIRED 90 VDC, 4½ VDC AND 60 VDC.
SIZE: 11½x5½x13½; WT: 15 LBS. USED $24.95

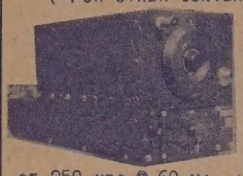
## BC & ARC COMMAND SETS

THE COMMAND SET SERIES OF TRANSMITTERS AND RECEIVERS HAVE BEEN POPULAR FOR MANY YEARS ON THE SUPLUS MARKET.

THE SERIES CONSISTS OF SEVERAL SEPERATE UNITS COVERING THE FREQUENCY RANGE OF 190 KC TO 9.1 MC FOR THE RECEIVERS AND 2.1 TO 9.1 MC FOR THE TRANSMITTERS.

IF YOU ARE NOT FAMILAR WITH THE CONVERSION OF THIS EQUIPMENT IT IS SUGGESTED THAT YOU PURCHASE CONVERSION MANUAL COVERING THE SET.

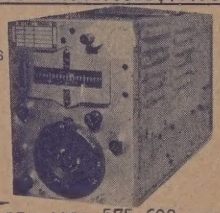
CQ SURPLUS CONVERSION MANUAL, WHICH INCLUDES COMMAND SETS IS AVAILABLE FROM US FOR $3.00
( FOR OTHER CONVERSION MANUALS SEE PAGE 21



THE RECEIVERS ARE SIX TUBE SUPERHETRODYNE WITH THE FOLLOWING TUBE LINE-UP; 1/12A6, 1/12K8 3/12SK7 & 1/12SR7. DESIGNED TO OPERATE WITH THE USE OF A DM-32 24 VOLT D.C DYNAMOTOR WITH A OUTPUT VOLTAGE OF 250 VDC @ 60 MA. ALSO REQUIRES 24 VOLTS FOR FILAMENTS. THE SET WAS TUNED FROM A REMOTE POSITION BY THE USE OF A FLEXIABLE SHAFT AND CONTROL BOX. SIZE:5x5x11; WT: 12 LBS.

| | | | |
|---|---|---|---|
| BC-453 | 190 TO 550 KC | USED | $16.95 |
| BC-454 | 3.0 TO 6.0 MC | USED | 16.95 |
| BC-455 | 6.0 TO 9.1 MC | Gov't RE-COND | 14.95 |
| R-25/ARC | 1.5 TO 3.0 MC | UNUSED | $22.95 |

R-28/ARC-5 100 TO 156 MC CRYSTAL CONTROL ON FOUR PRE-SET CHANNELS WITH 24 VDC MOTOR, NOT CONTINUOUS TUNNING. USES SAME VOLTAGE BUT DIFFERENT TUBES. SEE CONVERSION MANUAL FOR DETAILS TO MAKE CONTINUOUS TUNING. USED $18.95



THE TRANSMITTERS WITH PROPER USE CAN PUT OUT 50 WATTS CW AND 30 WATTS ON PHONE. MODULATION IS OBTAINED FROM SEPARATE UNITS, BC-456 FOR SINGLE TUBE MOD. AND MD-7 FOR PUSH-PULL MOD. THE DM-33 DYNAMOTOR IS USED TO SUPPLY THE VOLTAGES AND IS MOUNTED ON THE MODULATOR. VOLTAGES REQUIRED 575-600 VDC @ 175-200 MA. AND 24 VOLTS. WITH TUBES 2/1625 1/1626 & 1/1629 MAGIC EYE TUBE FOR TUNING AND CRYSTAL FOR CALIBRATION. SIZE:5x7x12; 12LB

| | | |
|---|---|---|
| T-18/ARC-5 | 2.1 TO 3.0 MC | USED $9.95 |
| CBY-52232 | NAVY 2.1 TO 3.0 MC LESS ANTENNA INDUCTANCE VARIABLE COIL | USED 4.95 |
| BC-696 | 3 TO 4 MC Gov't RECONDITIONED | 14.95 |
| T-20/ARC-5 | 4.0 TO 5.3 MC | USED $6.95 NEW 9.95 |
| T-21/ARC-5 | 5.3 TO 7.1 " " | 6.95 NEW 9.95 |
| T-22/ARC-5 | 7.0 TO 9.1 " " | " |

T-23/ARC-5 100 TO 156 MC AM USING 832 TUBES (2) AND 1625 (2), FOUR PRE-SET CRYSTAL CONTROL CHANNELS, COMPANION TO R-28 REC. FOR CONVERSION SEE CQ MANUAL. $24.95

BC-456 MODULATOR FOR USE WITH COMMAND TRANSMITTERS, SINGLE TUBE MODULATION WITH TUBES 1/1625, 1/12J5GT AND 1/VR-150. HAS PROVIONS FOR MOUNTING DM-33 DYNAMOTOR. SIZE:7x8x10; WT:11LBS. U. $3.95

MD-7/ARC-5 MODULATOR SAME AS BC-456 ONLY USES 2/1625 TUBES IN PUSH-PULL FOR 40 TO 60 WATTS. USED W/COVER $11.95 L/COVER $9.95 NEW $14.95

COMMAND RECEIVER AC POWER SUPPLY SEE PAGE 20

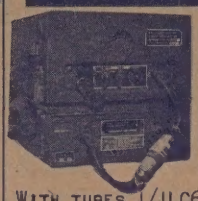
| | | |
|---|---|---|
| SPIN TUNING KNOB FOR RECEIVERS | | $1.00 |
| DM-32 DYNAMOTOR 24 V FOR REC. | UNUSED | 4.95 |
| 35x032 " 12 V " " | " | 4.95 |
| C-26/ARC CONTROL BOX FOR ONE REC. | USED | 2.00 |
| BC-496 " " " TWO " | " | 1.95 |
| BC-450 " " " THREE" | " | 2.50 |
| BC-451 " " " ONE TRANS. | " | 1.95 |
| BC-473 " " " ONE REC. | " | 2.00 |
| CONNECTOR PLUGS F/REC. OR TRANS. | " | 1.50 |

FLEXIBLE SHAFTS MC-215 FOR COMMAND EQUIPMENT 6 FT. $1.50 EACH ADDITIONAL FT. 25¢ EXTRA.

MOUNTING-RACKS-FLEXIABLE SHAFTS

| | | |
|---|---|---|
| FT-234 | ONE COMM. TRANS RACK | 1.50 |
| FT-225 | MODULATOR RACK | 1.50 |
| MT-68 | ONE TRANS. SHOCKMTG | 1.00 |
| FT-227 | TWO " " | 1.50 |
| FT-228 | ONE MOUNTING BC451 | BX1.00 |

## RECEIVERS & TRANSMITTERS



BC-620 RECEIVER TRANSMITTER F.M. 20 TO 27.9 MC. CRYSTAL CONTROL ON ANY TWO PRESELECTED FREQ. IN THE RANGE. USES FT-243 CRYSTALS, ONE SUPPLIE POWER OUTPUT APPROX. 3 WATTS WITH PHONE & MIC JACKS, (NO SPEAKER) TEST METER, VOLUME CONTROL, SELECTOR SWITCH ETC WITH TUBES 1/1LC6, 1/1LH4, 1/1LN5, 4/1R4/1294 2/3B7 & 4/3D6/1299 AND PE-97 POWER SUPPLY THAT OPERATES FROM 6 OR 12 VOLTS D.C. W/CABLE SIZE: REC. TRANS. ONLY 15x13½x7; WT: 30 LBS. PE-97 POWER SUPP. 15x13½x7; WT: 20 LBS. THE REC.-TRANS. IS MOUNTED ON TOP OF THE POWER SUPPLY AND IS HELD THERE WITH HASPS.
PRICE: BC-620 & PE-97 RE-NEW $19.95

AN-45 TELESCOPING ANTENNA FOR MOUNTING ON REAR OF BC-620, 98½" LG. NEW..... 1.95
FT-250 SHOCKMOUNTING BASE F/ BC-620 & PE-97 TO-GETHER OR SEPARATELY 2.50
CD-509 CORD EXTENSION 8 FT. USED WHEN P.S IS TO BE USED AWAY FROM BC-620. 2.75
CS-79 BATTERY CASE SAME SIZE AS PE-97 USED WITH BC-620 WHEN DRY CELLS /USED $1.50
TS-13 HANDSET, CARBON MIC. W/PLUGS " 4.95
T-24 MICROPHONE CARBON RE-NEW 4.95
SPARE TUBES FOR BC-620 NEW BOXED EACH .75

RECEIVER
540 KC - 32 MC

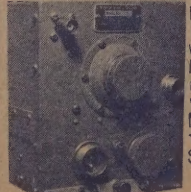
RCA RECEIVER MODEL AR-88 540 TO 32,000 KC. IN 6 BANDS, AM, MCW, CW RECEPTION. OUTPUT IMPEDANCE 2.5 & 600 OHMS. LARGE ILLUMIATED DIAL FOR DIRECT READING AND BAND SPREAD ALSO 3" METER, R.F GAIN, A.F GAIN, TONE, SELECTIVITY, ANT. ADJ. NOISE LIMITER, AVC, PHASE LIMITER, PHONE JACK ETC. WITH TUBES 6SK7, 6SJ7, 6SA7, 2/6J5, 2/6H6, 1/6SA7, 1/6K6, 1/6SJ7, 6SC7 & 1/VR-105, 456 KC. I.F. POWER REQUIRED 115 OR 230 VOLTS 60 CYCLE. STANDARD RACK PANEL MOUNTING 19x11x19½: 90 LBS
PRICE: USED $165.00 CHECKED F/OPERATION $175.

BC-348 RECEIVER A.M. SIX BANDS 200-500 KC & 1.5 -18 MC. CRYSTAL PHASING, ANTENNA ALIGN, BEAT OSC., & AUDIO GAIN CONTROLS, VERNIER & SPEED TUNING, AVC, MVC, PHONE AND C.W. PHONE & SPEAKER JACKS, LARGE ILLUM. DIAL. WITH TUBES 4/6SK7, 6SJ7, 6SA7, 6SR7 & 6K6. VOLTAGES REQUIRE 220 VDC @ 70 MA. & 24 V.
SIZE: 18x10½x9½; WT: 40 LBS. PRICES LESS DYN.
PRICES: USED CHECKED $89.50

| | | |
|---|---|---|
| DM-28 | DYNAMOTOR 28 VOLT D.C USED | $4.95 |
| | 115 V. 60 CYC POWER SUPP. W/SPEAKER | $19.95 |
| FT-154 | SHOCK MOUNTING | $ 2.75 |
| PL-103C | PLUG FOR REAR OF RECEIVER | 2.50 |

RECEIVER 200 - 400 KC

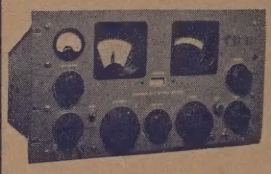
BC-1206 RECEIVER AM 200 TO 400 KC USED FOR AIRCRAFT BEACON CALLS VOLTAGE REQUIRED 24 VDC TUBES REQUIRED 2/14H7, 1/14J7, 1/14R7 & 1/28D7. I.F. FREQ. 135 KC, THREE (3) GANG VARIABLE 400-800 MMFD LOCTAL SOCKETS
THESE RECEIVERS ARE SOLD LESS TUBES AND "AS-IS BECAUSE WE HAVE FOUND SOMETIMES THE I.F COILS MAYBE OPEN AND THE COST OF MAKING THE REPAIR IS PROHIBITIVE. HENCE THE LOW LOW PRICE. PLEASE DO NOT ASK US TO CHECK THE COILS.
SIZE: 4x4x6½: WT: 6 LBS. USED AS-IS $2.95



R-508/R-19/ARC RECEIVER 118 TO 148 Mc. AM, 15 MC I.F WITH TUBES 3/9003, 1/9002, 2/14R7, 1/14F7 AND 1/12A6, VOLTAGE REQUIRED 24-28 V FOR LOW, 250 VDC @ 60 MA. FOR HIGH VOLTAGE NO DIAL, DESIGNED FOR REMOTE TUNING.
SIZE: 6½x5x11¼; WT: 10 LBS.
USED $18.95

## COMMUNICATION RECEIVER

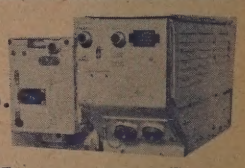
RCAF GR-10 COMMUNICATION RECEIVER, 115 VOLT 25-60 CYC. 6 BANDS, 195 TO 410 KC AND 1400 TO 31000 KC., ELECTRIC BAND SPREAD, VAR. SELECTIVITY, ADJ. CRYSTAL FILTERS, NOISE LIMITER, AVC, CARRIER STRENGTH METER, CRYSTAL CONTROL ON ANY ONE FREQ. TO 6.8 MC. TEMP. AND VOLTAGE REG. OF OSCILLATOR, SENSITIVITY BETTER THAN 5 MIC. V. 2:1 SIG. TO NOISE RATIO. MAX. UNDISTORTED OUTPUT 3 WATTS. WITH TUBES 3/6SK7, 1/6K8, 1/6SJ7, 1/6H6, 1/6SQ7, 1/6F6G, 1/5Y3G & 1/VR-105. BEAT FREQ. OSC. CONTROL AND PROV. FOR SPEAKER AND HEADSET.
SIZE: 10½x20x11½; WT: 85 LBS. (CABINET DESIGN MAY VARY) ALSO AVAILABLE FOR 19" RACK MOUNTING
PRICE: USED NOT CHECKED.... $89.95
" " 99.95



SUPER PRO
RECEIVER

SP-600 HAMMARLUND RECEIVER 0.54 TO 54 MC IN SIX BANDS, SENSITIVITY 2.3 MICROVOLTS OR BETTER ON ALL BANDS FOR S-N-N RATIO OF 10 DB. IMAGE REJECTION BETTER THAN 74 DB ON ALL BAND I.F. REJECTION AT 600 KC IS 2700 TO 1, AVC WILL HOLD WITHIN 12 DB WHEN INPUT IS INCREASED FROM 2 TO 200,000 MICROVOLTS, AUDIO OUTPUT 2 WATTS INTO 600 OHM. WITH 19 TUBES 7/6BA6, 1/12AU7, 1/6V6, 3/6AL5, 1/0A2, 6BE6/2, 3/6C4, 1/5R4 POWER REQUIRED 95 TO 260 VOLT 50 TO 60 CYCLE 19" RACK MOUNTING, SIZE: 19x16½x10½; WT: 80 LBS
PRICE: USED $275.00..USED CHECKED F/OPER $295

## VHF RECEIVER-TRANSMITTER



VHF TRANSMITTING AND RECEIVING EQUIPMENT AM 100 TO 156 MC. CRYSTAL CONTROL ON 4 PRESELECTED CHANNELS IN THE RANGE SPECIFIED. R-28/ARC-5 RECEIVER (SHOWN ON THE LEFT) CRYSTALS ARE INSERTED IN THE FRONT OF THE SET BEHIND THE AXCESS DOOR, FREQ. DIAL AND SQUELCH ADJ. ARE ALSO ON THE FRONT. SELECTION OF CHANNEL IS DONE REMOTELY WITH THE USE OF THE C-30 /ARC-5 CONTROL UNIT WHICH IS AVILABLE SEPARATELY. WITH TUBES 4/717, 3/12SH7, 2/12SL7 & 12A6 VOLTAGES REQUIRED 24/28 VDC FOR RELAYS AND SELECTOR MOTOR ETC. 250 VDC & 60 MA. HIGH V. DM-32 DYNAMOTOR CAN BE USED ON THE REAR OF THE SET FOR THE HIGH VOLTAGE.
( FOR VARIABLE TUNING SEE SURPLUS CONVERSION MANUAL VOLUME III PRICE $3.50)
SIZE: 14x7½x4½; WT: 16 LBS. USED $18.95

T-23/ARC-5 TRANSMITTER (SHOWN TO THE RIGHT) THE OUTPUT OF THIS UNIT AS DESIGNED IS APPROX. 10 WATTS HIGHER OUTPUT CAN BE OBTAINED AS IT HAS (2) TWO 832 TUBES AND TWO 1625's. THE AUDIO POWER FOR MODULATING IS FURNISHED BY TH MD-7/ ARC-5 MODULATOR WHICH IS AVAILABLE SEPARATELY. FREQ. CHANNEL SELECTION IS MADE BY USE OF THE C-30 CONTROL UNIT WHICH IS AVAILABLE SEPARATLY VOLTAGES REQ. 24/28 VDC FOR RELAYS & SELECTOR MOTOR ETC. APPROX 600 VDC @ 175 MA F/HIGH V.
SIZE: 15½x8½x5½; WT: 15 LBS. RE-NEW $24.95
MD-7 MODULATOR; PUSH-PULL MODULATOR DESCRIBED ON PAGE 4 OF OUR REGULAR CATALOG RE-NEW $12.00
C-30/ARC-5 CONTROL UNIT PAGE 19 CATALOG $1.00

R-65/APN-9 LORAN RECEIVER INDICATOR AS USED IN AIRCRAFT AND BOATS. PROVIDES ACCURATE MEANS OF DETERMINING POSITION OF FIXED SHORE TRANSMITTING DIRECTION STATIONS WHEN OTHER MEANS ARE INEFFECTIVE. CONSISTS OF A RECEIVER OPERATING IN THE MARINE BAND WITH 3" CR TUBE INDICATOR FOR PRESENTATION OF THE RECEIVED SIGNALS. OPERATES FROM 24 VDC & 115 V. 400-800 CYCLE. W/TUBES, LENSE, CRYSTAL.
SIZE: 9½x12½x30½; WT: 40 LBS. USED $69.50

# SCR-522 RADIO SET
## 100-156 MC

RECEIVER-TRANSMITTER AM, FOUR CHANNEL, CRYSTAL CONTROL, 30 WATT OUTPUT, 18 TUBES AS FOLLOWS: TRANSMITTER, 1/6SS7, 2/832, 3/12A6, 1/6G6, RECEIVER: 1/9002, 1/9003, 3/12A6, 1/12C6 2/12AH7, 1/12H6 & 3/12SG7. BOTH UNITS CAN BE REMOVED FROM CASE SEPARATELY. OVERALL SIZE; 16½x12½x10-3/4" WT: 49 LBS. PRICE: USED $29.95

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE: USED WITH TUBES $14.95 NO TUBES

RECEIVER CHASSIS ONLY, LESS CHANNEL SHIFTERS. PRICE, USED, WITH TUBES $14.95 NO TUBES $7.95

TRANSMITTER CHASSIS ONLY, LESS CHANNEL SHIFTERS PRICE, USED WITH TUBES $18.95 NO TUBES $7.95

BC-602 CHANNEL SELECTOR CONTROL BOX WITH PUSH BUTTONS. BC-602B USED $1.95 BC-602D NEW $2.95

NOTE: FOR THE MICROPHONE & PHONE CIRCUITS JACKS CAN BE INSTALLED IN THE BC-602

| | | |
|---|---|---|
| JB-29 JUNCTION BOX | NEW | $2.95 |
| AN-104 ANTENNA, METAL COVERED WOOD | NEW | 1.95 |
| PE-98 DYNAMOTOR 12 VOLT | USED | 9.95 |
| PE-94 " 24 " | " | 4.95 |

PLUGS REQUIRED FOR THE EQUIPMENT

SCR-522 RECEIVER-TRANSMITTER REQUIRES THE FOLLOWING PLUGS, PL-173 TO ANTENNA, PL-169 TO DYNAMOTOR, PL-170 TO JB-29 JUNCTION BOX. $1.50 EACH

BC-602 CONTROL BOX, REQUIRES FOLLOWING PLUGS, PL-169 TO JUNCTION BOX. $1.50 EA.

PE-98 OR PE-94 DYNAMOTOR REQUIRES FOLLOWING PLUGS, PL-172 TO BATTERY, PL-171 TO RECEIVER-TRANSMITTER. $1.50 EA.

JB-29 JUNCTION BOX, REQUIRES THE FOLLOWING PLUGS, PL-170 TO RECEIVER-TRANSMITTER PL-169 TO BC-602 CONTROL BOX. $1.50 EA.

RA-62 AC POWER SUPPLY FOR SCR-522, OPERATES FROM 115/230 VOLTS 60 CYCLE, SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION. SIZE: 16x11½x11; WT: 75 LBS. PRICE USED $39.50 REQUIRES PL-171 PLUG FOR HOOK-UP TO REC-TRANS PRICE $1.50.

# BC-733 RECEIVER 108.3-110.3 MC AM

AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY. OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7, 2/12SG7, 3/717 2/12SR7, 1/12SQ7 & 1/12A6. VOLTAGE REQUIRED; 24 VDC & 220 VDC 80 MA. WITH SCHEMATIC. SIZE: 13½x5x7 WT: 17 LBS.

PRICE: USED $5.95

| | | |
|---|---|---|
| I-101C CROSS POINT INDICATOR, USED | | $1.95 |
| PL-257 PLUG TO FIT I-101C | | 1.50 |
| BC-732 CONTROL BOX | USED $1.95 NEW | $2.95 |
| CABLE WITH PL-254 TO FIT BC-733 REC. AND PL-256 PLUG TO FIT BC-732 CONTROL BOX 3 FT. | | |
| PRICE: $4.95 PLUGS ONLY | | 1.5 |
| PRICE: $4.95 PLUGS ONLY $1.50 EA. | | |
| DM-53 DYNAMOTOR 24 VOLT | USED $4.95 NEW | $6.95 |
| DM-53 AZ " 12 " | NEW | 7.95 |
| AS-27 RAMS HORN ANTENNA | | $5.95 |
| PL-284 TWIN COAX PLUG F/BC-733-AS-27 | | 1.00 |

## RECEIVER

R-11A RECEIVER 190-550 KC ONE BAND, 85 KC IF FREQ. WITH TUBES 2/14A7, 1/14S7, 1/14R7, 1/14F7 & 1/12A6 (14 SERIES TUBES ARE LOCTAL FILAMENTS ARE WIRED FOR-12-14 OR 24-28 VOLTS, HIGH VOLTAGE REQ. 250 VDC 60MA. NO DIAL, DESIGNED FOR REMOT USE BUT ITEMS LISTED BELOW CAN BE ADAPTED FOR LOCAL TUNING. SIZE: 6½x5x11¾; WT: 10 LBS. USED $7.95

BC-473 CONTROL BOX FOR LOCAL USE WITH ADAPTER WITH SET $3.00 OTHERWISE $4.00

SPIN TUNING KNOB FOR LOCAL USE #6743 $1.00

# ARC-3 100-156 MC

R-77/ARC-3 VHF AIRCRAFT TYPE AM RECEIVER, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE WITH TUBES 9001, 9002, 12A6, 12H6 WITH TUBES 9001, 9002, 12A6, 12H6, 12SH7, 12SL7, 2/12SN7, 3/12SG7 & 6/6AK5. VOLTAGE REQUIRED 24 VDC & 210 VDC 125 MA. SIZE: 11x7x15. WT: 21LBS. W/SCHEMATIC

PRICE: R-77/ARC-3 USED $24.50

R-5009/ARC-502 24 CHANNEL USED $24.95

PL-153 PLUG FOR FRONT OF SET $ 2.50

T-67/ARC-3 VHF AIRCRAFT TYPE TRANSMITTER AM, 8 CHANNEL CRYSTAL CONTROL ELECTRIC BAND CHANGE, WITH TUBES 2/832 2/6L6, 1/6J5, 3/6V6 & 1/12SH7. VOLTAGE REQUIRED 24 VDC & 410 VDC 325 MA. SIZE: 15½x7½x12½. WT: 21 LBS.

PRICE: RE-NEW WITH TUBES ....$29.50

JB-68 JUNCTION BOX FOR ARC-3 RADIO SET USED TO MOUNT DYNAMOTORS DY-22 FOR REC & DY-21 FOR TRANS. ALSO HAS CONNECTOR PLUGS TO HOOK UP REC, TRANS, CONTROL BOX & POWER, & RELAYS. SIZE: 10½x3½x8½. WT; 7 LBS.

PRICE USED.... $7.95

CONNECTOR PLUG FOR EACH FICILITY $2.50 EACH

C-118/ARC-3 CONTROL BOX FOR RECEIVER AND TRANSMITTER. HAS EIGHT PUSH BUTTONS FOR CHANNEL SELECTION AND ONE FOR OFF. SIZE: 6x3x7 WT:2 LBS. PRICE: $4.95

CONNECTOR PLUG U-16/U 2.50

IE-36 TEST SET FOR SCR-522 REPRODUCES THE OPERATING FUNCTIONS OF THE CONTROL BOX & JACK BOXES OF THE RADIO BY PROVIDING HEADPHONE & MICROPHONE, CHANNEL SELECTION PLUS ALL OTHER CONTROLS NECESSARY TO OPERATION AND TESTING. CONTROL UNIT BC-1303 PLUGS DIRECTLY INTO THE SCR-522 ALSO HAS PHANTOM ANTENNA & CORD, LAMP EXTRACTOR, ADAPTER PHONE CORD, INSTRUCTION BOOK AND CARRING CASE, 10x10x4; WT:8 LBS.

PRICE: NEW $6.95

SCR-522 CABLES WITH PLUG ON ONE END AND LUG TERMINALS ON THE OTHER. EACH CABLE $2.95

| | | |
|---|---|---|
| CX-58/VRC-1 | PLQ-170 PLUG & LUGS, 36" LONG. | |
| CX-60/VRC-1 | PL -169 " " " 36" " | |
| CX-62/VRC-1 | PL-172 " " " 66" " | |

## TRANSCEIVER

BC-745 AM TRANSMITTER-RECEIVER COVERING THE FREQ. RANGE OF 2-6 MC PHONE, WITH A RANGE OF FIVE MILES UNDER FAVORABLE CONDITIONS. CRYSTAL CONTROL ON TWO PRE-SELECTED FREQ. BY USE OF PL-[illegible] & CRYSTAL ASSY. BC-7[illegible] SET SIZE IS 6x6x6 AND MOUNTED ON A 32" STAFF AND USES THE TELESCOPING ANTENNA WHEN NOT IN USE. COMPLETE WITH TUBES, 1/1S5, 3/1T4 & 5/3S4 & ONE PLUG IN FREQ. ASSY. VOLTAGE REQUIRED 1.5 VDC/.25 A, 67.5 VDC/20 MA & 105-125 VDC/50 MA. WT: 10 LB

SOLD OUT

PRICE: USED $6.95

BC-746 PLUG IN COILS & CRYSTAL ASSEMBLIES CHANNEL #1 3010 Kc CHANNEL #12 5030 Kc CHANNEL #5 5500 Kc CHANNEL #13 5305 Kc ONE OF THE ABOVE SUPPLIED WITH PURCHASE OF SET, ADDITIONAL UNITS $1.00 EA.

T-39 CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES, ALSO HAS MICROPHONE, PHONE JACK AND NECESSARY CABLE FOR CONNECTING TO RADIO SET.

PRICE: USED $1.95 UNUSED $3.95

PE-157 VIBRATOR POWER SUPPLY; OPERATES FROM 2 VOLT WET BATTERY BB-54 WHICH IS INSTALLED INSIDE THE CASE THAT SUPPLIES ALL THE NECESSARY VOLTAGES FOR OPERATION OF THE RADIO SET ALSO HAS 4" PM SPEAKER, CARRING HANDLE AND CABLE FOR CONNECTING TO SET. SIZE: 11½x5½x8½ WT 17

PRICE: USED $4.95 UNUSED $6.95

## AMPLIFIER

AM-203B/ARA-19 AMPLIFIER; PART OF REMOTE TUNING SYSTEM AS USED WITH ARN-6 RADIO COMPASS WHICH PROVIDES A ACCURATE MEANS OF TUNING SET ELECTRICLY. OPERATES FROM 24 VDC. WITH 2/26A7 TUBES AND 1/12SN7 TUBE, SIZE: 5x6x4½; WT: 6 LBS.

PRICE: RE-NEW $8.95

# COMPASS RECEIVER

AN/ARN-7 RADIO COMPASS RECEIVER 100 TO 1750 KC USED FOR AIRCRAFT DIRECTION FINDING BUT CAN ALSO BE USED ON BOATS. THE RECEIVER IS A SUPERHETERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7, 1/6L7, 1/6J5, 2/6B8, 2/6F6, 1/6N7, 1/5Z4, 1/6SC7 & 2/2051. SIZE: 12x8x19; WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED $18.95

ITEMS LISTED BELOW ARE REQUIRED FOR ADF OPER.

| | | | |
|---|---|---|---|
| C-4/ARN-7 CONTROL BOX | USED $3.95 | NEW | $5.95 |
| I-8 INDICATOR 3" | USED $3.95 | RENEW | 4.95 |
| I-82A " 5" | USED 7.95 | | |
| LP-21 AM LOOP ANTENNA | " 9.95 | | |
| FT-224 MOUNTING F/C-4CB | " 1.50 | | |
| MG-149F INVERTER | " 24.95 | | |
| MC-203 SHAFT COUPLING "T" | | " | 1.00 |
| MC-136 SHAFT " | RT/ANGLE | | 2.50 |
| BK-22 RELAY JUNCTION BOX | " 2.95 | | |
| MC-124 FLEXIBLE SHAFT 2 FT. | 1.50 | | |
| CD-365 CABLE FOR LOOP 5 FT. | | | 2.75 |
| PL-122 CONNECTOR PLUG FOR RECEIVER | | | 2.50 |
| PL-112 " " " LOOP | | | 2.50 |
| PL-118 " " " I-81 OR I-82 | | | 2.50 |

REMOTE READING MAGNESYN COMPASS SYSTEM AIRCRAFT TYPE. CONSISTS OF A MAGNESYN COMPASS THAT TRANSMITS TO A 3" INDICATOR THAT IS CALIBRATED IN DEGREES--- N-S-E-W AND IS OPERATED BY THE 12 VOLT D.C. INVERTER THAT IS SUPPLIED WITH THE SET. SHPG. WT: 15 LBS. PRICE WITH TRANSMITTER, INDICATOR, INVERTER AND MANUAL ... $39.95

REMOTE READING MAGNESYN COMPASS SYSTEM WITH TRANSISTORIZED POWER SUPPLY.....$49.50

MN-40 INDICATOR 0-360 DEGREE SCALE 5" WITH VAR. ADJUSTMENT. SAME AS I-82 INDICATOR ONLY OPERATES MECHANI LY INSTEAD ELECT BY USE OF SPLINED CONNECTORS AS USED ON MC-124 SHAFT.

$3.95

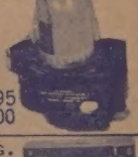
CONTROL BOXES MN-28C/MN-26C MN-28LB/MN-26LB USED $3.95 EA.

CONNECTOR PLUGS RECEIVER $2.50 CONTROL BX 2.50 FLEXIBLE SHAFT 20"/$1.50 5½" $2.8 $3.00

## RADIO COMPASS

RA 101A/ARN-6 RADIO COMPASS WITH A FREQUEN RANGE OF 100-1750 Kc I FOUR BANDS. COMPLETE WITH TUBES 6/12SK7; 4/12SX7; 1/12SY7; 1/12S 2/26A7; 2/2050. OPER- FROM 26.5VDC. WT. 35L SIZE: 11½x7½x15½

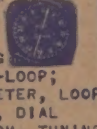
PRICE: $39.50



AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS. OPERATES FROM 26 VOLTS 400 CYC. SIZE: 10x11x5 WT. 15 LBS. PRICE: (AS ILLUSTRATED) USED $7.95

MANUAL FOR RA 101A/ARN-6.....$5.00

ID-91 B/ARN-6 INDICATOR 0-360 DEG. 3½" DIA. INDICATOR FOR ARN-6 RADIO COMPASS SYSTEM $8.95



C-149 A/ARN-6 CONTROL BOX BOX CONTAINS THE FOLLOWING CONTROLS. OFF-COMP.-ANT.-LOOP; FUNCTION SWITCH, TUNING METER, LOOP L-R SWITCH, LIGHT CONTROL, DIAL BAND SWITCH, CONTROL SWITCH, TUNING CRANK, AUDIO CONTROL, CW- VOICE SWITCH. $8.95

# Headsets — Telephone Equipment — Microphones — Handsets

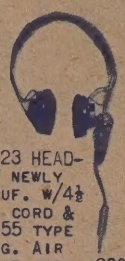
HS-33 HEADSET NEWLY MANUF. HEADBAND & 4½ FT. CORD WITH PL-55 TYPE PLUG. AIR FORCE GREY. 600 OHM IMPED. WITH MX-41/AR MEDIUM RUBBER CUSHIONS $8.00

MC-162 SMALL RUBBER CUSHIONS. $6.95

H8-7 HEADBAND ONLY WITH 4½ FT. CORD AND PL-55 TYPE PLUG. AIR FORCE GREY. $3.00

MX-41/AR MEDIUM SIZE RUBBER CUSHIONS $1.25

MC-162 SMALL RUBBER CUSHIONS $1.00



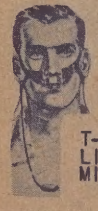
HS-23 HEADSET NEWLY MANUF. W/4½ FT. CORD & PL-55 TYPE PLUG. AIR FORCE GREY. 2000 OHM IMPED. WITH MX-41/AR MEDIUM SIZE RUBBER CUSHIONS $6.95

MC-162 SMALL SIZE RUBBER CUSHIONS $5.95

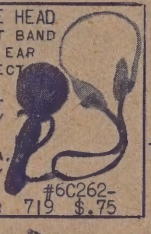
DYNAMIC HEADPHONES 50 OHMS IMP. MOVING COIL TYPE, FHRGH QUALITY REPRODUCTION, CHAMOIS CUSHIONS AND "Y" CORD WITH PHONE PLUG. #ZA/CAN1638 UNUSED $4.95

CHAMOIS CUSHIONS $2.50 PR.

TELEPHONE TRANSMITTER CHEST SET; 150 OHM IMPEDANCE TRIANGULAR SHAPED BREASTPLATE, HORN MOUTHPIECE TYPE# A-1. NO STRAPS. WESTERN ELECTRIC #396A $1.50



T-45 LIP MIC



DICTIPHONE HEAD SET, LIGHT BAND W/PLASTIC EAR PCS. CONNECT TO RUBBER TUBES THAT COMES TO Y & RUBBER CUP 4" DIA. USE AS WAY OUT SOUND REPRODUCER #6C262-719 $.75

T-30 THROAT MIC. Elements only $1.00 a dozen

T-45 MICROPHONE CARBON TYPE 100OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONS WITH PL-291 2 CONT MALE PLUG, 11"CORD USED 75¢

CD-318 EXTENSION CORD WITH PL-291 2 CONTACT FEMALE PLUG TO FIT T-45 & T-30 MICS. SW-141 SWITCH & PL-68 MIC PLUG ON 7 FT. CORD USED $1.00

PL-68 MIC PLUG 30" CORD 75¢

JK-33 JACK TO FIT PL-68 MIC. PLUG. USED 5 FOR $1.00

COILED CORD SETS

THREE CONDUCTOR 24" TO 72" 75¢ 12" TO 36" 50¢

FOUR CONDUCTOR 12" TO 36"$1.00

ONE CONDUCTOR #18 6 FT.-18 FT. $1.00

CD-307 CORD EXTENSION FOR CORDS WITH PL-54 PLUG AS USED ON HEADSETS, 65"LG WITH JK-26 JACK & PL-55 PLUG. USED $1.00

CD-604 CORD WITH IMPEDANCE MATCHING TRANSFORMER 500OHM TO 4000, USED WITH HS-30 HEADSET, 6" CORD & PL-54 PLUG. NEW 50¢ USED 25¢

CD-605 CORD SAME AS CD-604 ONLY 30" LG. WITH PL-55 PLG USED $1.00

PL-55 PHONE PLUG 30" CORD 75¢

JK-34 PHONE JACK TO FIT PL-55 PLUG USED 5 FOR $1.00

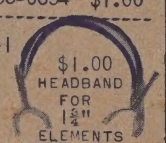
**MC-385 HIGH to LOW**

ADAPTER IMPEDANCE FOR HEADSET 4000-600OHM USED $.50 NEW $.75

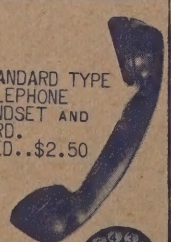
T-30 MICROPHONE CARBON TYPE, 75 OHM 50DB BELOW 1 MILLIVOLT, FLAT RESPONS WITH PL-291 2 CONT MALE PLUG, 11"CORD PRICE: USED 3/$1 UNUSED $1.00

PL-55 RECEPTACLE WITH PL-55 PLUG ON END 3 FT. CORD#R16-G34820 NEW $1.00

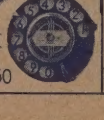
MICROPHONE BUTTON CARBON 50 OHM WILL REPLACE F-1 ELEMENTS. #K-53-0654 $1.00



HB-1 $1.00 HEADBAND FOR 1¾" ELEMENTS WITH 8000 OHM ELEMENTS & CORD $2.95



STANDARD TYPE TELEPHONE HANDSET AND CORD. USED..$2.50



STANDARD TELEPHONE DIAL USED $1.50

H-113/U HEADSET 600 OHM SOFT PLASTIC EAR CUSHIONS 18" CORD W/ PL-54 PLUG THAT FITS JK-26 JACK (SEE CD-307 EXTENSION CORD ELSEWHERE ON THIS PAGE) WT: 3LBS. USED-EX$3.95

H-62 HEADSET SAME AS H-113/U ONLY IN BLACK AND HAS PROVISIONS FOR SNAPING ON LIP MICROPHONE CW-51071 LISTED BELOW. USED-EX. $3.95

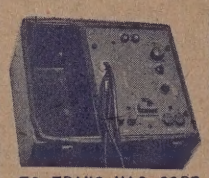
CW-51071 LIP MICROPHON 100 OHMS IMPEDANCE W/ 2 SNAPS FOR FASTENING TO H-62 HEADSET, 14" CORD W/ PL-291 PLUG INTO EXTENSION CORD CD-318 LISTED ON THIS PAGE OR CW-49561 EXTENSION CORD LISTED BELOW USED $1.00

CW-49561 EXTENSION CORD FOR LIP MIC. CW-49561, T-45, T-30, MI/A OR ANY OTHER CORD WITH MATING PLUG PL-48/291. HAS PL-68 MIC. PLUG AND IS 5FT WITH MOMENTARY SWITCH. UNUSED $1.50

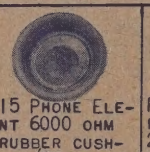
TELEPHONE HANDSET HANGAR WITH HANDSET IN PLACE ONE SWITCH CONTACT IS MADE, WHEN HANDSET IS REMOVED & MADE ALSO 2 OTHER CONTACTS ARE MADE (1 BREAK 3 MAKE) WE# G7W3 WT: 2LBS. #5930-538-6822 NEW $4.95

T-24-S MICROPHONE HAND HELD BRASS CARBON MIC. W/50 OHM ELEMENT, PUSH TO TALK SWITCH, 5½ FT. STRAIGHT CORD W/PL-68 PLUG. WT: 1 LB. PRICE: UNUSED$3.95

MI/A CARBON MICROPHONE 75 OHM IMPEDANCE, FITS OVER MOUTH TO ELIMINATE NOISE, HELD IN PLACE BY STRAPS, FREQ RESPONSE 400-3200 CPS. 15½ INCH CORD WITH PL-291 PLUG TO FIT CD-318 OR CW-49561 EXTENSION CORDS DESCRIBED ON THIS PAGE. NEW $2.50



C-113/TRC-1 CONTROL UNIT FOR INTERCOMMUNICATION AND TRANSMITTER CONTROL. POWER REQUIRED IS 115 VOLT 60 CYC HAS MICROPHONE AND HEADSET JACKS, ON/OFF SW. INTERCOM. RADIO SW. BINDING POSTS FOR CONNECTING TELEPHONE WIRE, 5 WIRE CABLE FOR FASTENING TO TRANS, MIC CORD WITH PL-68 PLUG, AC LINE CORD, PILOT LIGHT ETC. HOUSED IN WOOD CARRING CASE. TWO OR MORE UNITS CAN BE HOOKED TOGETHER FOR INTERCOM USE. TS-13 HANDSET CAN BE USE WITH THIS SYSTEM. CABLES CAN BE STORED IN COMPARTMENT TO LEFT. SIZE: 14x9½x12; WT: 25 LB PRICE: USED $6.95



R-15 PHONE ELEMENT 6000 OHM W/RUBBER CUSHION F/2" HEADBAND MTG. $1.25

PHONE ELEMENT F/TS-9K HANDSET 250 OHM, 2¼" DIA W/ CLIPS. K.S #838 $1.00

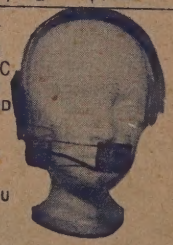
CANADIAN PHONE ELEMENT 100 OHM 1⅝" DIA. FOR 2" HEADBAND. #C-3 10A/36988 $.75

PHONE ELEMENT F/TS-13,H-23 ET HANDSET, TYPE41 3500 OHM. AUTO. ELEC. D-5189A $1.00

CANADIAN LIGHTWEIGHT HANDSET NO CORD PHONE 300 O MIC. 50 OHM #ITE NO1 MK-11 YA-7225 $3.95 6 oz.

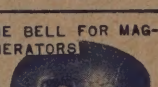
CANADIAN MICROPHONE W/ SWITCH & CORD FOR ABOV PHONE, MAGNETIC 300 OHM. #10A/12 57L $1.25

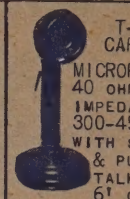
SOUND POWERED HEAD & CHESTSET WITH 20' RUBBER CORD WITH NAVY PLUGS. TYPE: (ADD ANY UNUSED # MI-2454 : USED $9.95: $4.95 H-63/U HEADSET 600&OHM BOOM MIC 100 OHM 14" CORD WITH LENGTH CORD YOU WANT)



HANDSET HOLDER FOR HORIZONTAL MOUNTING, SIZE 1½x3½ #6988 $.50

TELEPHONE BELL FOR MAGNETO GENERATORS. 1½x3 .# MC-131 $1.50



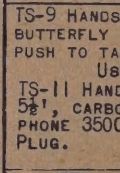


T-32 CARBON MICROPHONE 40 OHMS IMPEDANCE 300-4500CYC WITH STAND & PUSH TO TALK SW. 6' CORD WITH PL-68 PLUG UNUSED $7.95

HS-30 HEADSET 250 OHM IMPEDANCE HEARING AID TYPE LIGHT WEIGHT HEADBAND 9" CORD W/SPADE LUGS THAT WIRE INTO CD-604 CORD FOR 4000 OHM IMP. NEW $2.50 (SEE CD-604 & 605 ELSEWHERE ON PAGE)

RS-38 MICROPHONE 100 OHM CARBON PRESS TO TALK SWITCH ON TOP 5 FT. CORD WITH PL-68 PLUG. UNUSED W/COILED CORD 12"-36" $7.95 2'-6$8.95

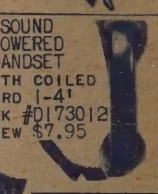
SPACE HELMET HEADSET, 600 OHM PHONE 100 OHM MIC. PADDED FRAME. U. $3.95



TS-9 HANDSET NO PLUGS WITH BUTTERFLY SWITCH & PUSH TO TALK SWITCH & LUGS USED $3.95

TS-11 HANDSET; 4 COND-CORD, 5½', CARBON MIC 50 OHM, PHONE 3500 OHM, W/PL-106 PLUG. NEW $4.95

RS-83 100 OHM CARBON MICROPHONE W/ DETACHABLE CORD 4½' & SW. $2.95 UNUSED



SOUND POWERED HANDSET WITH COILED CORD 1-4' STK #D173012 NEW $7.95

TS-13 HANDSET CARBON MIC. 50 OHM, PHONE ELEMENT 3500, "Y" CORD PL-68 & PL-55, BUTTER USED $4.95 FLY SWITCH. USED $4.95

HANDSET HOLDER RUBBER COVERED AS ILLUSTRA $1.50 CAST ALUMINUM $2.00

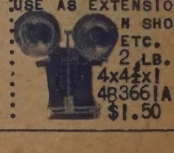
T-24/M CARBON MICROPHONE WITH PUSH TO TALK BUTTON AND MODIFIED WITH 4 FT. COILED CORD & PL-68 PLUG. WT: ½ LB. PRICE: NEW $4.95

ACOUSTICOM CORDLESS MICROPHONE AND AMPLIFIER HEARING AID, HEAD BAND TYPE ASSEMBL CONSISTS ¼" MIC. AND 3 TUBE AMPLIFIER WITH VOLUME CONTROL AND BATTERY COMPARTMENT MOUNTED IN A LIGHTWEIGHT HEADBAND. USES MERCURY BATTERY RM-1H & MINI-MAX 15 v. 504E EVEREADY. PRICED WITH TUBES, BATTERIES AND PHONE UNIT #A200 NEW: $2.95

ACOUSTION HEARING AID MICRPHONE CASE ONLY W/TRANSFORMER, VOLUME CONTROL, RES. COND. AND BATT. HOLDER. NO MIC. BATT. OR TUBES. GOLD STAIN FINISH. SIZE: 2¼x4x¾; WT: 4 OZ. #A-320 $.59 2 FOR $1

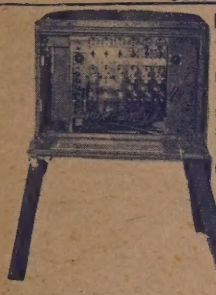
PUSH BUTTON & CALL SIGNAL LIGHT SAME SIZE AS TELEPHONE DIAL. MAKE OWN INTERCOM. $.39 EA. 3/$1.00

TELEPHONE BELLS USE AS EXTENSION IN SHOP ETC. 2 LB. 4x4½x1 4B366 A $1.50



## TELEPHONE EQUIPMENT

EE-8 FIELD TELEPHONE, PORTABLE HAND RINGING TYPE. CAN BE USED WITH ANY MAGNETO TYPE SYSTEM SWITCHBOARD AS BD-71,72,89,91,96 ETC. OPERATES FROM 2 FLASHLIGHT BATTERY UP 17 MILES, TWO OR MORE PHONES CAN BE OPERATED ON TWO WIRE LINE. WITH CARRING CASE, STRAP & HANDSET.
SIZE:8x10x3½; WT: 18 LBS.
USED CHECKED LESS BATT. $14.95



BD-71 SWITCHBOARD, PORTABLE 6 LINE HAND RINGING MAGNET TO TYPE USING FLASHLIGHT BATTERIES FOR OPERATION. REPEATING COILS ON TWO LINES FOR SIMPLEXING, DROP SIGNAL AND NIGHT CALL BELL CAN BE USED WITH ANY MAGNETO TYPE TELEPHONES SUCH AS EE-8, RM-29, BD-72, 89 91,96 ETC. IDEAL FOR FACTORY, CAMP, FARM, MOTEL.. WITH CHESTSET MICROPHONE & HEADSET. LESS BATTERIE
SIZE:18x12½x14; WT; 75
USED $9.95 RE-NEW $14.95

VO-3 OSCILLATOR IS AN ELECT- AUDIO TONE GENERATOR WITH A 10 WATTS OF POWER OUTPUT AT A FREQ. OF 800 CYCLES PER SECOND. THIS POWER IS ADEQUATE FOR SUPPLING TONE TO 200 HEAD SETS THAT CAN BE KEYED BY THE INSTRUCTOR OR STUDENT AND FEED INTO A SPEAKER OR RECORDER. OPER. FROM 115 VOLT 60 CYCLE, COMPLETE WITH TUBES 1/6SN7, 1/5U4 & 2/6V6GT, OUTPUT 4,8,12 & 16 OHMS.
SIZE:12½x10½x7½.; WT: 24 LBS.

SOLD OUT

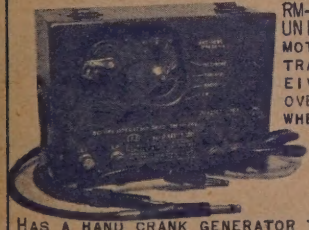
WD-1/TT INFANTRY FIELD WIRE; 2 COND. TWISTED PAIR 4 TINNED COPPER, 3 GALV. STEEL, NYLON JACKET WEATHER MOISTURE & FUNGUS RESIS. APPROX. 1200 FT. ON METAL SPOOL $15.00; APPROX 1 MILE ON METAL SPOOL 4 LENGTH OF APPROX 1250 FT. $40.00; COND. USED GOOD

WD-7 COPPER WELD FIELD TELEPHONE WIRE; 2 COND. TWISTED PAIR EACH COND. 7 STRAND #28 COPPER WELD. NEW MANUFACTURE. $.03 PER FT. 1000 FT. OR MORE $.025 PER FOOT.

SUB-CYCLE STATIC FREQUENCY CONVERTER; OUTPUT 75-110 VOLTS 7.5 WATTS, 16-2/3 OR 25 CYCLE, INPUT 105-125 VOLTS 50 OR 60 CYCLE. USED FOR RINGING TELEPHONE CIRCUIT.
SIZE:4½x4½; WT: 35 LBS.
MODEL M-75/KS-5585 $14.95
OUTPUT PLUG.....$1.00

SOLD OUT

A-202 CODE PRACTICE TELEGRAPH KEY WITH BUZZER AND CORD. ADJUSTABLE KEY WITH ADJUSTABLE BUZZER THAT WILL OPERATE FROM 9-12 VOLT D.C MOUNTED ON BLACK BAKELITE BOARD WITH ENOUGH ROOM TO REST FIST, RUBBER FEET ON BOTTOM.
KEY SIZE 4½x1½x1½, BUZZER SIZE 1½x1½x½;BOARD 3½x7½x½; WT: 1½ LE
PRICE: NEW $1.50



RM-39 REMOTE CONTROL UNIT; USED FOR REMOTE OPERATION OF TRANSMITTING & RECEIVING EQUIPMENT OR OVER TELEPHONE LINES WHEN TWO OR MORE ARE CONNECTED TO-GETHER BY WIRE OR WITH EE-8 FIELD TELEPHONES OR SIMILAR EQUIPMENT. HAS A HAND CRANK GENERATOR THAT IS USED TO SIGNAL ANOTHER STATION BY RINGING THE BELL THAT IS IN THE UNIT. REQUIRES 4½ VDC & 15 VDC DRY CELL BATTERIES FOR OPERATION. ALSO HAS 3' CORDS WITH 1/PL-68,2/PL-55 PLUGS FOR USE WITH THE RADIO EQUIP. JACKS FOR HEADSET,MIC AND KEY,SELECTOR SWITCH, ANTI-HOWL SWITCH, LINE TERMINALS ETC.
SIZE:5x6½x9½; WT: 15 LBS.
PRICE: USED $5.95 RE-NEW $7.95
TS-13 HANDSET THAT CAN BE USED WITH THIS $4.95
HANDSET HOLDER FOR HORIZONTAL USE THAT CAN BE MOUNTED ON THE CASE OF RM-39 50¢

## TA-1/PT TELEPHONE

SOUNDPOWERED TELEPHONE SET WITH AUDIBLE AND VISUAL CALL SYSTEM. PALM OPERATED GENERATOR PUTS OUT APPROX. 100 V. THAT SOUNDS BUZZER IN OTHER PHONE AND ACTUATES VISUAL INDICATOR. COILED CORD WITH PUSH TYPE BINDING POSTS FOR INTERCONNECTING WIRES TO BE FASTENED TO. COMES WITH FIBER CARRING CASE.
SIZE:8½x3½x3½; WT: ACT 2LB USED $29.50 PAIR 2

TA-43/PT TELEPHONE SET IS A RUGGED, LIGHTWEIGHT, WATERPROOF FIELD TELEPH. THAT CAN BE USED OUTDOORS ON A DESK OR WALL MOUNTED. HANDCRANK GENERATOR FOR RINGING BUZZER. REQUIRES 2/1½ V BATT. FOR LOCAL USE NONE REQ. W/CB. UNIT COMES IN A CANVAS CASE & SHOULDER STRAP WITH ZIPPER.
SIZE:12x7x4; WT:10 LBS. UNUSED $39.50

## MULTIPEX

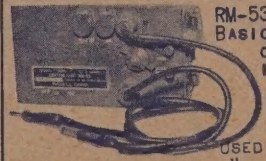
PHILCO CST-2 SIGNALING AND TERMINATION UNIT. FOR USE IN MULTIPLEX SYSTEMS FOR TRANSMISSION OF DIAL OR RINGDOWN SIGNALING AND TERMINATES A FOUR WIRE CIRCUIT OF THE MULTIPLEX INTO A TWO WIRE TELEPHONE CIRCUIT. A 3.5 KC TONE IS USED FOR SIGNALING. ALSO HAS CONTROLS FOR PROPER ATTENUATION OF VOICE LEVEL. OPERATES FROM 115 V. 60 CYC. AND IS COMPLETE WITH 2/12AU7 TUBES, RELAYS. RACK MTG. 19x4½x12; WT: 25 LBS.
PRICE: UNUSED $9.95

GENERAL ELECTRIC MODULATOR NO.4UX10C1. TELEPHONE-TELEGRAPH TYPE UNIT FOR RACK MOUNTING , DUAL CHANNEL OPERATION USING 12AT7, 12AV7 AND 12AT7 EA. CHAN. FEEDING 12AV7, SEVEN TUBES IN ALL. TWO TRANS, 600 OHM CT. PRI. 250K OHM SEC. SIZE 1½x1½x2, TWO RELAYS DPDT AUTOMATIC #7772962-33, FOUR SO-239 COAXIAL CONNECTORS FOR TIMER AND VIDEO. SEVEN VARIABLE CONTROLS AND 6 TEST JACKS.
SIZE:19½x7x7; WT: 15 LBS. UNUSED $7.95

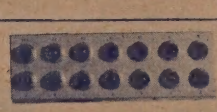
RC-298 TANK INTERPHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOF STEEL BOX W/H-22 HANDSET & COILED CORD, SIGNAL LIGHT, EXTEN. TERMINAL POSTS, WATERPROOF BULKHEAD CONN. 30 FT. 7 COND RUBBER COVERED CABLE,14 FT. CONDUIT FLEX BC-1361 CONTROL BOX WITH SIG. LAMP, 2 WATER PROOF SW. AND 2 CONN. BOX OF HARDWARE WITH 125 PCS. OF BOLTS NUTS, WASHERS, CLAMPS ETC. ALSO ROLL OF RUBBER TAPE, SWITCH, LENS, LAMP MANUAL ETC. SHIPPING WEIGHT 78 LBS.
PRICE: NEW $14.95

SOLD OUT

RM-52 REMOTE CONTROL UNIT (MACY'S PHONE PATCH) USED FOR RE-CONTROL OF RADIO SET, OPERATES FROM 4 FLASHLIGHT BATTERIES. HAS MULTI-TAP TRANSFORMER,MIC,PHONE HIGH/LOW IMPEDANCE & JACKS. BASIC UNIT FOR MAKING MACY'S PATCH.
SIZE:7½x3½x5½; WT: 5 LBS.
PRICE: USED $1.95 NEW $2.95

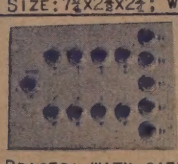


RM-53 REMOTE CONTROL UNIT BASICLY THE SAME AS RM-52 ONLY IT HAS A 3 POSITION SWITCH AND CORDS WITH PL-55 AND PL-68 PLUGS.
SIZE: 8½x4½x4½: 6 LBS
USED W/PLUGS & CORDS $2.95
" L/ " " 1.95



ID-256A/APW INDICATOR LIGHT ASSEMBLY CONTAINS 14 INDICATOR LIGHTS WITH VOLT #313 BAYONET BASE AND 9 FT. 15 CONDUCTOR CABLE.
SIZE:7½x2½x2½; WT: 2 LBS. PRICE: $2.95

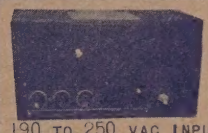
SOLD OUT



SA-365/UPM SWITCH ASSEMBLY CONTAINS 14 PUSH BUTTON MICRO SWITCHES D.P.D.T #2PB21 WIRED TO A 7 COND. & SHIELD CABLE 35 FT. LONG. USED WITH ID-256 INDICATOR LIGHT ASSY. FOR SPECIAL TEST PURPOSES.
SIZE: 6x5x2; WT: 5 LBS.
PRICES: WITH CABLE $6.95 LESS CABLE...$4.95
PLASTIC COVERED CABLE 5 COND. SHIELDED 5¢ FT.

AUTOMATIC ELECTRIC RELAY ASSEMBLY;12 A/E TYPE RT-379-A1 RELAYS, 48VDC .1 AMP OPERATING 10 CONTACT ARRANG.
#D-857697 AUTOMATIC LINE FINDER, RACK MOUNTING
SIZE:13½x4½x6¾; 12 LBS. PRICE: W/COVER N$12.95

AUTOMATIC ELECTRIC SWITCH ASSEMBLY, COMBINED HOWLER AND BREAK-DOWN UNIT, 48 VDC, 4 DECK 26 CONTACT STEPPING SWITCH AND 5 RELAYS
#D855332A RACK MOUNTING
13½x4½x6¾; 13 LBS. PRICE: W/COVER NEW $10.95

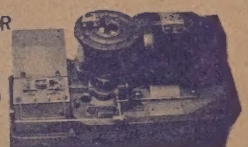


RA-87 RECTIFIER; FOR USE WITH TELETYPE EQUIPMENT. CONVERTS 95 TO 125 VOLT OR 190 TO 250 VOLTS 50-60 CYC TO 115 VDC 400 MA AND 115 VAC 4.35 A. WHEN USED WITH 190 TO 250 VAC INPUT. RE-NEW $12.95
SIZE:14½x7½x8; 45 LBS. USED $8.95

## TELETYPE PAPER

TELETYPE PAPER 8½ INCHES WIDE 4¾ INCH DIAMETE THREE SHEETS OF PAPER 2 SHEETS CARBON, 4 LBS.
PRICES: EACH ROLL 50¢; 12 ROLLS $5.00

## TELETYPE



TELETYPE TRANSMITTER-DISTRIBUTOR SINGLE CHANNEL MOTOR DRIVEN DEVICE WHICH CONSISTS OF A TAPE SENSING, TAPE FEEDING AND A TRANSMITTING MECHAN- AND DISTRIBUTOR MOTOR WHICH ENCLOSED IN A METAL COVER. MOTOR IS 110 VOLT 60 CYCLE, 1 PH SYNCHRONOUS INDUCTION MOTOR, 1/40 H.P. 2.2 A. SHUNT TYPE MODEL #5SH25AB11B OR EQUAL.
SIZE:15½x8½x9; WT: 35 LBS. COND. USED BY WU
$14.95 2 FOR $25.00

RM-21 CONTROL BOX WITH HAND SET HOLDER, 3 PUSH SWITCHES VOLUME CONTROL & PLUG. HANGERS FOR MOUNTING.
SIZE:10½x7x2½
8 LBS IN WOOD CARRING CHEST.
$3.95

TELEPHONE WALL TYPE
SIZE: 5 x9½ x6 LBS.
#JENN-WAT
USED $9.95

SOLD OUT

## MAGNETIC AMPLIFIER

TRANSMITTER SUB-ASSY. FILAMENT CHASSIS, PART OF AN/ALT-8 COUNTERMEASURES SET. CONSISTS OF CK927 FULL WAVE RECTIFIE CK843 SILCON RECT.,TWO CK846 SILCON RECT., MAGNETIC AMPLIFIER TRANS. FIL. TRANS. 115/400CYC. SEC. 6.3/6A. MINIATUR POTS. AND DPST RELAY ALL MOUNTED ON CHASSIS
7½x3x3½; WT: 3LBS. PART #2527-501-G1
PRICE: NEW $1.95

AC TO DC POWER SUPPLY; 115 VOLT 50-60 CYCLE INPUT, OUTPUT 115 TO 230 VDC IN VARIOUS STEPS AS CAN BE ADJUSTED BY THE TAP SWITCH ON THE PRIMARY AND SECONDARY IN SIX STEPS, APPROX. 400 TO 500 MA. D.C. #KS-5825-L01 SIZE: 19x3x10; WT: 45 LBS.
PRICE: USED $9.95

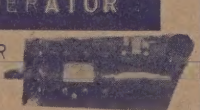
## TG-34A KEYER:

CODE PRACTICE SET USED TO REPRODUCE SIGNALS PREVIOUSLY RECORDED ON INKED PAPER TAPES. VARIABLE SPEED MOTOR, KEYING OSCILLATOR WITH SPEAKER AND PHONE JACK. OPERATES FROM 115/230 50/60 CYC. HOUSED IN PORTABLE CARRING CASE.
SIZE 15x10x10; WT: 40 LBS.
PRICE: RE-NEW, CHECKED $24.95

## DYNAMOTORS

| TYPE | INPUT VOLTS | INPUT AMPS. | OUTPUT VOLTS | OUTPUT AMPS. | SIZE | WEIGHT | EQUIPMENT USED WITH | PRICES USED | PRICES RE-NEW |
|---|---|---|---|---|---|---|---|---|---|
| DM-21 | 14 | 3.3 | 235 | .090 | 6x5x3 | 8 | BC-312 | $4.95 | $7.95 |
| DM-28 | 27.9 | 1.25 | 220 | .070 | 3⅜x5x6¼ | 5½ | BC-348 | 4.95 | |
| DM-25 | 12 | 2.2 | 250 | .050 | 3x3x4½ | 3 | BC-367 | 2.95 | 4.95 |
| DM-45 | 24 | 1.1 | 250 | .050 | 3x3x4½ | 3 | BC-667 | 2.95 | 4.95 |
| DM-34 | 14 | 2.8 | 220 | .080 | 3x4⅜x6¼ | 5 | BC-603-683 | 2.95 | 4.95 |
| DM-36 | 28 | 1.4 | 220 | .080 | 3x4⅜x6¼ | 5 | BC-603-683 | 2.95 | 4.95 |
| DM-40 | 14 | 3.4 | 172 | .138 | 7x5¼x3⅜ | 7 | BC-652 | $6.95 | |
| DM-41 | 28 | 1.7 | 172 | .138 | 7x5¼x3⅜ | 7 | BC-652 | $6.95 | |
| DM-42 | 12 | 39 | 515 | .215 | | | | | |
| | | | 1030 | .260 | 7x7x11 | 38 | BC-653 | $7.95 | |
| DM-43 | 24 | 19.5 | 515 | .215 | | | | | |
| | | | 1030 | .260 | 7x7x11 | 38 | BC-653 | | 9.95 |
| DM-53AZ | 14 | 2.8 | 220 | .080 | 4⅜x3x3½ | 3 | BC-733 | 2.95 | 4.95 |
| DM-53 | 28 | 1.4 | 220 | .080 | 4⅜x3x3½ | 3 | BC-733 | 3.95 | N |
| DM-32 | 28 | 1.1 | 250 | .060 | 4⅛x3½x3 | 3 | VARIOUS | 2.95 | 4.95 |
| DY-2/ARR-2 | SAME AS ABOVE DM-32 ONLY IS A LATER NUMBER. | | | | | | | | |
| 35x032 | 14 | 2.2 | 250 | .060 | 4⅜x3½x3 | 3 | AS DM-32 | | 4.95 |
| DM-33 | 28 | 5 | 575 | .160 | 6⅜x3⅜x3½ | 6 | BC-456 | 9.95 | |
| DM-35 | 12.5 | 18.7 | 625 | .225 | 8⅜x4⅛x4½ | 13 | VARIOUS | | 20.00 |
| DM-37 | 25.5 | 9.2 | 625 | .225 | 8⅜x4⅛x4½ | 13 | " | | $9.95 |
| BD-69 | 14 | 2.8 | 220 | .080 | 6⅛x6x4½ | 10 | VARIOUS | | 3.95 |
| BD-77 | 14 | 39.0 | 1000 | .350 | 11x10x6½ | 40 | BC-191 | $14.95 | $19.95 |
| BD-83 | 14 | 6.5 | 375 | .150 | 6⅜x5⅜x4½ | 10½ | SCR-183 | | 7.95 |
| BD-93 | 28 | 3.2 | 375 | .150 | 6⅜x5⅜x4½ | 10½ | SCR-283 | | 4.95 |
| PE-73 | 28 | 19 | 1000 | .350 | 11x10x6½ | 39 | BC-375 | WRITE F/PRICE | |
| PE-86 | 28 | 1.25 | 250 | .060 | 5x5½x3¼ | 3½ | VARIOUS | 2.95 | 4.95 |
| PE-94 | 28 | 10.5 | 300 | .260 | 12x5x8 | 35 | SCR-522 | 4.95 | |
| | | | 150 | .010 | | | | | |
| | | | 14.5 | 5.0 | | | | | |
| PE-94 | SAME AS ABOVE DYNAMOTOR ONLY | | | | | | | | 4.95 |
| PE-98 | 14 | 21.0 | 300 | .260 | | | | | |
| | | | 150 | .010 | 12x5x8 | 35 | SCR-522 | 5.95 | 9.95 |
| PE-98 | SAME AS ABOVE, DYNAMOTOR ONLY, NO FILTER, VOLTAGE REG. RELAY | | | | | | | 3.95 | 5.95 |
| PE-101 | 13/26 | 12/6 | 400 | .135 | 14x4x7 | 15 | BC-645 | 4.95 | 7.95 |
| | | | 800 | .020 | | | ABA | | |
| | | | 9 v 80cyc | 1.12A | | | | | |
| PE-133 | 12 | 2.3 | 230 | .090 | 4x7x6½ | 1 | BC-1003 | 4.95 | 6.95 |
| DY-1 | 14 | 2.4 | 250 | .060 | 3x3½x4½ | 3 | VARIOUS | | 4.95 |
| DY-2 | 28 | 1.2 | 250 | .060 | 3x3½x4½ | 3 | " | 2.95 | 4.95 |
| DY-9 | 26 | 4.3 | 360 | .135 | 9x5x3½ | 10 | " | 9.95 | |
| DY-10 | 13/26 | 4.3/8.7 | " | " | " | 11 | " | 12.95 | |
| DY-21 | 27 | 7.0 | 410 | .325 | 7⅛x3x3½ | 9 | T-67/ARC-3 | 7.95 | |
| DY-22 | 27 | 1.8 | 210 | .125 | 3⅜x3½x6 | 5 | R-77/ " | 4.95 | |
| DY-17A/ART-13A | EICOR ML-5023-1 SPECIAL | | | | | | | | |
| | 28 | 33 | 1190 | .350 | 6½x8x12 | 33 | T-47A/ART-13 | 15.00 | 20.00 |
| DY-17 | 27 | 32 | 410 | .400 | | | | | |
| DY-17 | 27 | 33 | 750 | .350 | " | 30 | " | 12.95 | |
| | | | 400 | .750 | | | | | |
| DY-17 | DYNAMOTOR ONLY LESS FILTER BASE | | | | | | | | 6.95 |
| DA-1A | 28 | 1.6 | 230 | .100 | 3⅛x3⅛x5½ | 6 | VARIOUS | 3.95 | 6.95 |
| DA-1F | 25 | 14.8 | 540 | .450 | 4⅜x4⅛x8 | 15 | " | | 9.95 |
| DA-12 | 12.5 | 29 | 540 | .450 | " | 15 | " | | 20.00 |
| | 25 | 14.8 | " | " | | | | | |
| DA-14 | 14 | 3.3 | 230 | .100 | 3⅛x3⅛x6 | 6 | " | 4.95 | 6.95 |
| DA-19 | 28 | 11 | 400 | .400 | 8x4⅛x4½ | 13 | " | 4.95 | 6.95 |
| D-401 | 12 | 9.9 | 400 | .180 | 4x4⅛x7 | 10 | T.C.S. | | 6.95 |
| D-401SP | 12 | 9.9 | 440 | 200 | " | 10 | TCS/SP | 6.95 | 8.95 |
| D-402 | 12 | 3.8 | 220 | .100 | 3x3x5¼ | 3 | T.C.S. | | 4.95 |
| 41S6 | 13 | 13.0 | 300 | .225 | 8½x4⅛x4 | 10 | VARIOUS | | 7.95 |
| | DUAL OUTPUT | | 250 | .060 | | | | | |
| 377 | 14 | 8.0 | 425 | .163 | 5⅜x6x8½ | 13 | " | 6.95 | 9.95 |
| 21772 | 12 | 3.0 | 235 | .075 | 6⅜x5x4 | 7 | | 4.95 | |
| 12B6534 | 24 | 1.75 | 300 | .070 | 3x3x4½ | 3 | UNK | | 4.95 |
| DMX310 | 12 | 2.8 | 150 | .100 | 3x3x4½ | 3 | " | | 4.95 |
| D101 | 27 | 1.75 | 285 | .075 | " | 3 | RT-7/APN-1 | 3.95 | 5.95 |
| PM-0516 | 12/24 | 8/4 | 275 | .110 | 7⅜x4⅛x3 | 6 | MARK II #3 | | 6.95 |
| | WILL ALSO SUPPLY 12 V FROM 24 OR 24 V FROM 12 @ 3 AMP. | | | | | | | | |
| VRC-2 | 5.5 | 31 | 600 | .175 | 7x4⅛x4½ | 8 | T-193 | | 7.95 |
| 259K1003 | 24 | 7 | 405 | .270 | 7x4x5 | 12 | MOTOROLA | | 6.95 |
| MP-10G | 24/28 | 27 | 1100 | .400 | 10⅛x6½ | 30 | TA-2 | | 16.95 |
| SU-125 | THE ABOVE ITEM IS DYNAMOTOR ONLY | | | | | | TA-2 | | |
| MA-2503 | 6 | 3.6 | 250 | .030 | 3⅛x5x3 | 6 | BC-1323 | | 4.95 |
| DMF-519H | 28 | 18 | 630 | .500 | 8x4⅛x4 | 10 | | | 14.95 |
| DYA4223F | 28 | 28 | 1000 | .500 | 8⅛x4½ | 15 | | 9.95 | |
| CARTER 633BS2B | 12 | 25 | 650 | .300 | 6x4x3½ | 12 | NEW MANUF. | | 20.00 |

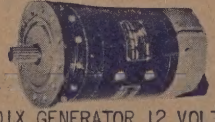
## GENERATOR



GENERATOR G - 24 AC - DC

115 V. 800 CYC 10.5 AMPS.
24 V. D.C. 60 "
SPLINE SHAFT SIZE 7/8x1¼
SIZE:6⅛x7½x13; WT: 45 LBS.
RE-COND. $24.95

D.C. GENERATOR 30 V. 200 A. 4400 TO 8000 R.P.M. ⅝x1½ IN SPLINED SHAFT, FLANGE MTG.
SIZE:10½x6x8; WT: 36 LBS.
GE#2CM637B RE-COND. $24.95



BENDIX GENERATOR 12 VOLTS D.C. 50 AMPS. SPLINED SHAFT 3/4x1½, 6" FLANGE, 12 MOUNTING HOLES, 3500-4000 R.P.M.
SIZE:6x11; WT: 36 LBS.
#R-86-EC310-27A NEW $12.95

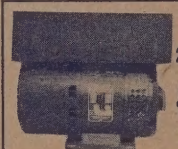
## INVERTERS

EICOR INVERTER X3516-1
INPUT: 27.5 VDC 165 AMPS.
OUTPUT: 115 VOLT 400 CYCLE 2500 V.A 1 PHASE
SIZE:16x11½x8; WT: 75 LBS.
EXCELLENT COND. $49.50

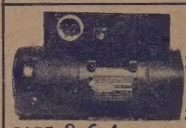
PE-218D INVERTER
INPUT: 25/28 VDC 80-90 AMP
OUTPUT: 115 V 400 CYCEE 13 AMP: 1 PHASE
SIZE:17x10x9; WT: 75 LBS.
PRICE: UNUSED $50.00

5D2INJ3A INVERTER
INPUT: 27 VDC 35 AMPS.
OUTPUT: 115 VAC 400 CYCLE 1 PHASE 2.17 AMPS.
SIZE:9x6½x5½; WT: 25 LBS.
USED $16.95 UNUSED $24.95

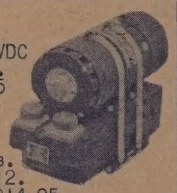
MG-153 INVERTER
INPUT: 24 VDC 52A 1000 VA
OUTPUT: 115 V 400 CYCLE 3 PHASE 750 VA & 26 V 400 CYCLE 1 PHASE 250 VA.
SIZE:12x8½x8; WT: 28 LBS.
PRICE: USED $24.95



INVERTER
INPUT 27.5VDC 60A
OUTPUT 115 V 400 CY 750 W 3 PHASE 26 V 400 CY 50 W 1 PHASE
SIZE 11x10x6; WT: 40 LBS.
LELAND#10285 USED $34.95



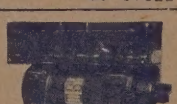
INVERTER
INPUT 27½VDC 22A
OUTPUT 115V 400 CY 3 PH 250 VA
SIZE 9x6x4; WT: 15 LBS.
ECLIPSE#E-1617-1 USED $14.95



INPUT: 24 VDC @ 75 AMPS.
OUTPUT: 115 V.800 CYC. 1 PHASE 10.5 AMPS.
WT: 35 LB.
SIZE:4⅜x8x12.
UNUSED $14.95

## SOLID INVERTER

SOLID STATE SUPPLY 12 VDC 115VAC
DESIGNED FOR USE WITH REMOTE READING MAGNESYN COMPASS SYSTEM. NEW MANUFACTURE.
OUTPUT 26 V. 400 CYC 100 MA
SIZE:5x2x1⅝; WT: 2 LBS.
#WS-957 FOR 12 VDC $16.95
#WS-115 FOR 115 VOLT 60 CYCLE $24.95



JACK & HEINTZ INVERTER #AN-3532-2 INPUT 27.5 VDC @ 20 AMPS. OUTPUT 115 VOLT 400 CYCLE, 3 PHASE, 250VA VOLTAGE REGULATED.
SIZE:12x7½x4½; WT: 20 LBS.
FED#6125-617-0967
USED $14.95 RE-COND.$22.95

## VIBRATOR POWER SUPPLIES

VIBRATOR PACK 12 VDC INPUT, 275 VDC @ 80 MA. OUTPUT SELF RECTIFING.
SIZE:5½x6x3
WT: 7 LBS.
MALLORY-369
USED $4.95

MALLORY#12B300C; 12 VDC @ 3 AMPS. INPUT, 300 VDC 100 MA. OUTPUT. SIZE: 6½x4½x3⅜
WT: 10 LBS.
PRICE: LESS RECTIFIER TUBE
USED $4.95

TBY VIBRATOR PACK CLG20144
INPUT 4 VDC @ 2.5 AMP. OUTPUT 156 VDC @ 35 MA.1.5 VDC @ 190 MA. & 7.5 VDC @ 35 MA. SIZE:6½x4½x3½; 8 LBS
USED $4.95

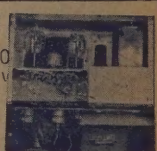
PE-104 POWER CONVERTER.
6 OR 12 VDC INPUT, OUTPU
90 VDC, 1½ VDC AND -45 VDC.
SIZE:4x4x7; WT: 10 LBS.
NEW $3.95 W/EXTRA VIB.$4.95

PP-855/PRC-14 VIBRATOR POWER SUPPLY
WITH FILTER NETWORK.
6 VOLTS DC INPUT, 5.35 AMP OUTPUT 135 VDC @ 155 MA.
SIZE:7¼x2¾x2¾; WT: 3 LBS.
NEW $4.95

DUAL SIX VOLT D.C VIBRATOR POWER SUPPLY.
OUTPUT 540 VDC @ 150 MA. CAN BE TAPPED AT 270 VDC.
WITH 2/0Z4 TUBES.
SIZE:9x6x5; WT: 10 LBS.
STK#3H6694-5 NEW $7.95

PE-237 POWER SUPPLY FOR BC-1306 GRC-9

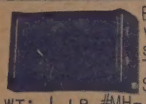
VIBRATOR TYPE WITH 1005 & 1006 TUBES ALSO VB-16 VIB. VOLATGE REQ. 6 OR 12 OR 24 VDC, OUTPUT 525 VDC @ 90MA 105 VDC @ 42 MA. 6.5 VDC @ 2 AMP, 6 VDC @ 500 MA. 1.3 VDC @ 450 MA. & 130 VD @ 17 MA. SIZE:10x10x17; WT: 85 LBS. RE-COND.$19.95



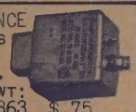
PE-120 POWER SUPPLY FOR BC-659 BC-620 TRANS. RECEIVER. VIBRATOR TYPE VOLTAGE REGULATED. WITH TUBES
VR-105/OB-3, 1005 & BALLAST
VOLTAGE INPUT 6 OR 12 OR24 DC OUTPUT 145 @ 175 MA, 90 @ 40 MA & 1.5 @.75 AMP.
SIZE:4½x13⅜x15⅜; WT: 30 LBS
RE-COND. $7.95

PP-18 CONVERTER 12 VDC 4 AMP TO 24 VDC 1.5 AMP. PARRALLEL FOR MORE CURRENT. WITH SPARE VIBRATOR & 3500
MFD. 25 VOLT CAP. ALSO PLUG
SIZE:6⅜x5⅜x8⅜; WT: 10 LBS.
NEW $4.95

TRAILER LIGHTS BALANCING LOAD ASSY. USED FOR TAIL AND STOP LIGHTS. CONTAINS RESISTORS 1.1 40 WATT, 1.5 40 WATT, .6 & .8 OHM 70WATT SIZE 7x2x4; 3 LBS. MOPAR#B7015812 $1.50



BUZZER 24/28 VOLTS D.C IN SEALED CAN. TWO HOLE MTG. SIZE:3x2x1½; WT: 1 LB.#MH-12079 $1.00

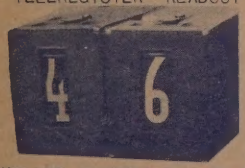


R.F. INTERFERENCE FILTER 5 AMPS 50 VOLTS D.C. CASE IS GROUND. SIZE:2½x1½; WT: THOMPSON#TF-55363 $.75 SOLD OUT

GEARED MOTOR & POTENTIOMETER CONTROL. EASTERN AIR MOTOR J33D-24, 120 V. 400CY 1/50 H.P. CONNECTED TO GEARED ASSY TERMINATING TO SPLINED SHAFT RECEPTACLE, SMALL TYPE, THAT TURNS 45 RPM, ALSO GEARED TO TRIPLE GANGED POTS. THAT TURN 1/5 RPM WITH INDICATOR, 2 POTS 1K OHM 1/200K. SIZE:5½x3½RD. WT: 3 LB. #7608155 REM $3.

CRY BUTTONS REFLECTORS, CAN BE USED TO MAKE SIGNS OR MARKERS. SHINE WHEN LIGHT STRIKES ½" DIA. REQUIRES #10 NUT FOR MTG. NC#15-1, CARD OF 100 $2.00

STOVE TIMER 115 V. 60 CYC WITH ON & TURN-OFF 6 HOUR DUAL HEAVY DUTY CONTACTS. SIZE:6½x3x2; WT: 2 LB. INT.E-10694 $1.50 SOLD OUT



TELEREGISTER READOUT

IMPLUSE COUNTER RACHET TYPE NUMBERED 1-2-3-4-5-6-7-8-9-0, OPERATES FROM 12 VOLT DC NUMBER SIZE 3/8x1, MASK SIZE 1-3/8x1-7/8 LENGTH 4" WT: ½ LB. #TELEREGITER K-1 PRICE: 79¢ EA. 2 FOR $1.50

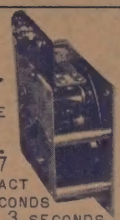
## BRUSH SETS

DY-12
DY-17
$3.00
PER
SET

| | | | |
|---|---|---|---|
| DM-21 | DM-25 | DM-28 | DM-32 |
| DM-33 | DM-34 | DM-35 | DM-36 |
| DM-37 | DM-40 | DM-41 | DM-42 |
| DM-43 | DM-45 | DM-53 | DM-64 |
| BD-83 | BD-77 | BD-93 | BD-69 |
| PE-73 | PE-86 | | |
| DA-1A | DA-12 | DA-14 | DA-1F |
| DY-21 | DY-22 | | SP-125 |

OTHER TYPES ALSO AVAILABLE SET OF FOUR BRUSHES $1.00

TIME-O-MATIC SIGN CONTROL MODEL 53 K-156 115 VOLT 60 CYC. TWO CONTACTS 15 AMPERES EACH, ONE CONTACT MAKES & BREAKS EACH SEC. THEN MAKES FOR 7 SEC. OTHER CONTACT MAKES FOR 11 SECONDS THEN BREAKS FOR 3 SECONDS JUST AFTER FIRST CONTACT FINISHES MAKING & BREAKING SIZE:2x4½x6; 3 LB. $2.95



TIME-O-MATIC SIGN CONTROL MODEL 53 K-155 115 VOLT 60 CYCLE, THREE CONTACTS 15 AMPERES EACH, TWO (2) CONTACTS ALTERNATE MAKE AND BREAK ONCE PER SECOND FOR 15 SECONDS, OTHER CONTACT BREAKS FOR 20 SEC. WHILE THE OTHER 2 ARE ALTERNATING THEN ALL 3 MAKE AT THE SAME TIME. THEN CYCLE REAPEATS AGAIN. SIZE:3x5½x6; 3½LBS. $4.95

SYNCHRON CLOCK MECHANISM, No.610 110 v. 60 cyc. 3 WATT 1 RPM MOTOR 143RA WITH GEAR ASSY WITH RESET. ALSO DUST COVER. SIZE:3x3½x2; 1 LB. #33-18-C1 $1.75

SYNCHRON CLOCK MECHANISM, No.610 110 v. 60 CYCLE 3 WATT 1 RPM #EC-129RB, WITH GEAR ASSY, NO RESET OR COVER. 2x2x2¼; 4oz. $1.35

TIMER SPRING WOUND 360 DEGREES ONE HOUR, CAN BE TURNED ANY DEGREE & BELL WILL RING WHEN SPRING IS UNWOUND. SLOTTED & FLATENED SHAFT FOR KNOB. LUX#230 SIZE:2½x1½; WT. 4 oz. $1.00

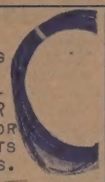
RATE-GYRO No.8511364 28 VOLTS D.C GYRO MOTOR WITH POTENTIOMETER. WESTERN ELECTRIC GA-10147--3 SIZE:2½x2½x4; WT:3LB.$4.95

FT-384 ADAPTER FOR TESTING BC-603/683 RECEIVERS.

PLUGS IN REAR OF SET AND HAS METERING SWITCH, BINDING POSTS FOR METER. USED FOR CHECKING VOLTAGES AND ALIGNMENT PURPOSES. WITH 6' BATTERY CABLE. SIZE:4½x2½x2½; 3 LBS. UNUSED $4.95

AS-207/CRT-3 ASSY WITH 300 FOOT OF 16 STRAND BRAIDED CADMIUM ALLOY COPPER WIRE ON RL-48 REEL WITH CRANK MOUNTED TO ALUMINUM DOOR WITH ADJUSTABLE BRAKE AND SNAP SWIVEL USED AS ANTENNA FOR GIBSON GIRL TRANSMITTERS, WIRE IS ATTACHED TO BALOON OR KITE WHICH IS NOT SUPPLIED. SIZE:4½x2; 2 LBS. $5.95

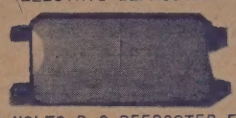
CABLE 3 CONDUCTOR #18 PLASTIC COVERING 15 FT. LENGHTS 39¢ 3 FOR $1.00



CX-76 CABLE RUBBER COVERED 2 CONDUCTOR #10 15 FOOT LENGHTS LUGS ONE END. 5LBS. $1.75 3 FOR $5.00

BIRNBACH #7218 SIZE 18 STRANDED TYPE WL. EXT. NYLON JACKET 1000 FT. REEL $5.00

ELECTRIC DEFROSTER



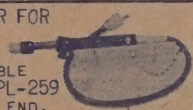
6 VOLTS D.C DEFROSTER FOR CAR OR TRUCK. USE TWO IN SERIES FOR 12 VDC. MOUNTS BY USE OF SUCTION CUPS, HAS FOUR WIRES RUNNING THROUGH GLASS WHICH IS 8"x16". THREE FOOT CORD WITH CONNECTOR FOR LONGER LENGTH CABLE, SWITCH FOR LOW & HI. COMES IN METAL STORAGE CASE WT: & LBS. PRICE: $3.95

VERNIER SET ATC TIMER WITH 15 MIN. TIMING PERIOD. SYNCHRONOUS MOTOR OPERATES FROM 230v 60 CYC AND HAS SPDT CONTACTS FOR CONTROL OF INDUSTRIAL EQUIPMENT. SIZE 6¾x5½x3½ WT. 5 LBS. PRICE $9.95 NEW

IMMERSION HEATER 24 VOLT AC/DC 50 W. WATTS

2 GALLON, 3" PRESS CAP, 4½" SCREW CONE, 12" HEATING ROD & 5 FT. CORD. WT: 4 LBS. #LFCEA8801 $2.95

ATTENUATOR FOR COAXIAL LINE WITH 52 OHM CABLE 20" LONG, PL-259 PLUGS EA. END. 3" SLIDING ADJUSTMENT FOR ATTENUATION 30 DB TO 100DB 30 TO 450 MC. WITH ADAPTERS SHPG. WT: 3LBS. USED $5.95



ANNUNICATOR 115 VOLT 60 CYCLE 1" DISPLAY, MANUAL CLEARING. WATERPROOF CASE. SIZE:9x9x6½; 12LB #CALI000S-9A NINE DROPS $9.95 CAL 1000S-4 FOUR DROPS $5.

TS-446 R.F NEON INDICATOR

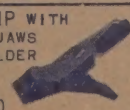
IN LUCITE PROBE, NE-2 BULB SIZE:4½x½ W/CLIP $1.00

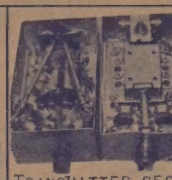
BELL 1" GONG 3 VDC EDWARDS #13 LUNGEN SIZE 1, CHROME PLATE USED WITH BD-71-72 SWITCHBOARDS. SIZE 3/8x1x3; 2 oz. #4Z416 59¢ 2/$1

6/12 VDC BUZZER, CHROME, ½x1½x1; 2 oz. J-3 59¢

PUSH-BUTTON SWITCH CHROME & BLACK, SINGLE HOLE MTG. NO. #J-3-PB 39¢

ALLIGATOR CLIP WITH PINCH SPIKE JAWS AND SCREW HOLDER FOR WIRE, 2" LONG. 12 FOR $1.00





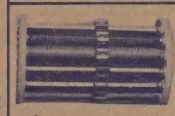
RADIO FREQUENCY SECTIONS TRANSMITTER - RECEIVER 418-462 MC PART OF R/T-7/APN1

TRANSMITTER SECTION OSCILLATOR CAN BE ADJUSTED BETWEEN 425-440 MC. WITH TWO 955 TUBES (NO WOBULATOR) HOUSED IN ALUMINUM CAN 2½x3x6"; 2 LBS. RE-MOVED FROM EQUIPMENT.

RECEIVER SECTION, BALANCED. DETECTOR WITH 2-9004 TUBES. HOUSED IN ALUMINUM CAN 2½x3½x6; WT: 2 LBS.

RE-MOVED FROM EQUIPMENT RT-7/APN-1 RECEIVER OR TRANSMITTER SUB-ASSEMBLY

PRICE: WITH TUBES....$1.50
LESS " .75

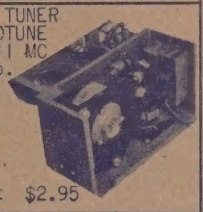


R.F. TANK COIL BC-669 45 TURNS 14 WIRE WOUND ON BAKELITE FORM 1" DIA. 12 ADJUSTABLE SILVER ON BARS THAT CONNECT THE CERAMIC END PIECES WITH TERMINALS FOR WIRING. OVERALL SIZE 7x3½; WT:5 LB. #3C2506 $2:50 SOLD OUT

MAGNETIC AMPLIFIER SENSING UNIT; THIS UNIT HAS 8 TERMINALS AND WAS MFG. BY MAGNETIC AMPLIFIERS INC. THE SPECS. WE DO NOT HAVE AVAILABLE. SIZE:2x2x4; WT: 1LB. MAC#60079.16 UNUSED $1.50

VARIGON PHASE SHIFT CAPACITOR V-42. USED FOR ACCURATE MEASUREMENT OF TIME INTERVALS IN RADAR SYSTEMS. CAPACITY OF INPUT PLATE TO HOUSING 4.4 MMF. OUTPUT PLATE 15.6 MMF, CAP. VAR. OF INPUT TO OUTPUT PLATE 1.2 TO 4.9 MMF. SIZE:2½x1; 1 LB. $2.95

CAPACITY TUNER WITH AUTOTUNE 160 TO 211 MC WITH COND. RESITORS 2/SO-239 1/2C26 TUBE. 7½x5½x5 7 LBS. WITH TUBE $2.95



RT-58/ARC-12 CHANNEL SELECTOR AND MOTOR ASSY. 10 POSITION AUTOTUNE MOTOR DRIVEN 26.5 VDC WITH 2 SHAFTS 60 RPM ALSO RELAYS. 4½x6x3½; 5 LB. #596C-1 $2.95

MULTIPOSITION HI-Q SWITCH. 6 POLE 18 POSITION NON-SHORTING GOLD PLATED TERMINALS. SIZE 3x3x4½, SHAFT ¼x1½. 2 LBS. #5930-626-6224 HI-Q#60083 $2.95

TAPE

SOUND RECORDING TAPE TW-3U 7" REEL WITH APPROX. 1200' OF 2" TAPE. USED WITH RD-42 RECORDER. #5835-542-6825 WT: 5 LBS. $4.95 SOLD OUT

COMMAND RECEIVER COILS

| | | |
|---|---|---|
| 85 KC | I.F | $1.50 |
| 1415 KC | I.F. | $1.50 |
| 2830 KC | I.F | $1.50 |
| 1415 KC | OSC. | $1.00 |
| 2830 KC | OSC. | $1.50 |
| 3 TO 6 MC | RF | $1.50 |
| 6 TO 9 MC | RF | $1.50 |

BUD TRANSMITTING COIL MOUNTED ON 5 PIN CERAMIC BASE FOR 40 METERS #3C804 $1.00

MEISSNER COIL KIT FOR SIGNAL SHIFTERS, PLUG IN TYPE. THREE (3) COILS OSC. PLATE, OSC. GRID AND BUFFER, 5 & 6 PRONG BASES. SET OF 3 COILS

| | |
|---|---|
| 3C2500-52 | 2395-2835KC $1 |
| 3C368-14 | 1000-1170KC $1 |

465 KC I.F. COIL SLUG TUNED IRON CORE. #PC77366-7 $.75

30 MC I.F. COIL SLUG TUNED IRON CORE #2Z27943.8 $.50

F.M. TUNER 88-108 MHZ THREE TRANSISTORS IN R.F. OSCILLATOR & MIXER STAGES 10.7 MHZ OUTPUT. MINITURE CONTRUCTION BY LEAR CO. SIZE:2½x1½x1; WT: 4 OZ. LEAR#604-236 USED $1.00

SYNTHESIZER I.F. & A.F.C DETECTOR STRIP ASSEMBLY. FIRST IF MIXER APPROX. 12 MHZ, 2 STAGES OF AMPLIFICATION FEEDS INTO MIXER WITH IF APPROX. 500 KHZ, WITH TUBES 3/5702, 1/5703, 1/5829 & 1/5784, 2/UG-1051 COAX. CONN. CRYSTAL SOCKET, INPUT CONN. RESISTORS, COND. ETC. SIZE: 9½x3x1; WT: 3 LBS. #RD-28105 USED $4.95

BROAD BAND AMPLIFIER

BROADBAND AMPLIFIER 60 MC 5 MC BAND WIDTH USING 5-717 TUBES, TRANS. COUPLING INPUT STAGES 2 & 3 & DETECTOR, STAGES 2 & 4 TUNNED CIR. 60 MC. DC VOLTS 280. PLUG-IN UNIT WITH OCTAL MALE TOBE TYPE BASE, SINGLE TYPE INPUT JACK. SIZE:13x3x2; WT: 5 LBS. WE#D150786 P/O BC-1148 PRICE: WITH TUBES $3.95 LESS TUBES $1.95

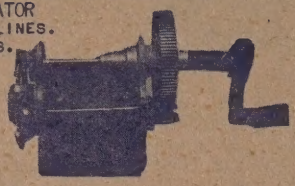
AUTOMATIC FREQUENCY CONTROL; TWO STAGE AMPLIFIER DESCRIMINATOR & DC AMPLIF. USING 2/6AC7, 1/6H6 & 1/6SQ7 TUBES. RESISTANCE COUPLED INPUT & OUTPUT, SLUG TUNNED INPUT. TUBE TYPE 8 CONTACT PLUG, SINGLE CONT. INPUT & OUTPUT JACKS AND VAR. POT. DC VOLTAGE REQ. 280. USED W/ABOVE UNIT. SIZE:8x2x1; WT: 1 LB. WE#D150980 P/O BC-1148 PRICE: WITH TUBES $3.95 LESS TUBES $1.95

VIDEO AMPLIFIER MODULE FOR APS-44 RADAR WITH 3/5977 TUBES, RESISTORS & 15 PRONG PLUG. P/O AM-574/APS-44; 8 oz. SIZE:3x3x1; PRICE: $1.75

# AC-DC Motors Hi-Speed Gear Reductions Blowers

## MAGNETO GENERATOR

HAND TYPE MAGNETO GENERATOR USED TO RING TELEPHONE LINES. OUTPUT APPROX. 100 VOLTS. CAN BE USED AS A SHOCK MACHINE, LIGHT SMALL LAMPS OR DRIVE WORMS OUT OF THE GROUND BY WIRING THE OUTPUT TO METAL STAKES AND DRIVING THE STAKES INTO THE GROUND.



GN-38B GENERATOR (UPPER RIGHT) PERMANENT MAGNETS. SHPG. 1½LBS. SIZE:5x3½x2½. USED $3.95

G-25A GENERATOR (TO RIGHT) PERMANENT MAGNETS. SHPG. 1 LB. SIZE:4½x2½(ROUND) USED $2.95

RATCHET MOTOR, 24 VOLT DC 60 RPM CONTINUOUS ALSO 3 POSITION STOP. BAND SWITCH ASSEMBLY AS USED IN R-5/ARN-7 COMPASS RECEIVER. UNIT WILL ALSO OPERATE ON 18 TO 24 VDC. SIZE: 3x4x1⅛: WT: 1¾ LBS. STK# 609-ARN-7 PRICE: $1.25

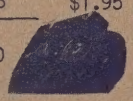
WESTINGHOUSE BUSINESS MACHINE MOTOR 25 MHP 115 VOLTS 50/60 CYCLE .5/.4 AMPS TYPE FL 4.0/3.0 MFD. 1425/1725 RPM. SIZE: 4½x4x4; WT: 5 LBS. SHAFT 5/16x⅞ FLATENED. FOR USE IN RUBBER SHOCK MOUNTING BRACKE PRICE: NEW $4.95

TELETYPE MOTOR AC; 110 VOLT 60 CYCLE PHASE, NON-SYNCHRONOUS, 1/25 HP, 1800 RPM, 1.25 AMP., DOUBLE SHAFT 1½x3/16&5/8 x 3/16, MOTOR SIZE 5½x5x5; WT: 13 LBS. GE#28478 USED $4.95

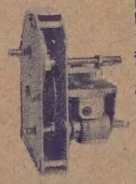
LEECE-NEVILLE 24 VOLTS D.C .75 H.P. 4500 R.P.M 45 AMPS. SPLINED SHAFT 5/8" x 3/4", WITH FOUR HOLE MOUNTING BASE AND FOUR HOLE MOUNTING FL. 4½x4½, MOTOR SIZE 4x4x7; WT: 24 LBS. LE TYPE #1504M UNUSED $7.95

OSTER SHUNT MOTOR B-9-1, 27½ VOLTS D.C @ .7 A. 5600 RPM FOR MOTOR, GEAR HEAD 22 & 5½ R.P.M. SHAFT SIZE ¼x¼, OVER ALL SIZE 2½x3x7. WT: 2½ LB. PRICE: UNUSED $1.95

GENERAL INDUSTRIES HEAVY DUTY PHONOGRAPH MOTOR: 115 VOLT 60 CYCLE 33 1/3 RPM. SIZE: 4x4½x4; WT:6 LBS. GI#4483 $1.95



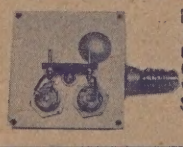
ALLIANCE PHONOGRAPH MOTOR 78 RPM AT FRICTION WHEEL, 110 VOLT 60 CYCLE. SIZE:3½x4½x3: 3 LBS. ALL#78110 PRICE:$1.00



PM MOTOR ASSEMBLY & GEAR TRAIN USED IN R-44 RECEIVER FOR REMOTE TUNING. CONTAINS DELCO PM MOTOR #5069370, 10,000 RPM ATTACHED TO A GEAR ASSY. THAT HAS TWO SHAFTS 80 RPM AND IS GEARED TO TWO SHAFTS WITH 3" & ½" GEARS THAT THAT TURN AT 40 & 80 RPM. ASSY SIZE 4½x6x3; SHAFT SIZES ¼ x 3/4 WT: 3½ LBS. STK.#3H3100-15 PRICE: $4.95

DELCO P.M. MOTOR 5067125, 27½ VDC 10,000 RPM. 2 GOVERNOR AND TAPERED SHAFT 1/16x3/16, MOTOR SIZE 3x1x1. PRICE: USED $3.95

DELCO MOTOR 27 VDC, 1/30 HP. 2.4 AMP 3600 RPM, SHAFT SIZE ¼x1, MOTOR 5½x2½. WT: 1½ LB. UNUSED $2.95



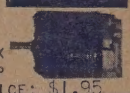
DELCO P.M. MOTOR #5069466, 27.5 VDC IN ALUMINUM CASE GEARED TO WORM GEAR MOTOR SIZE 1¼x1½x2½, 10,000 RPM. CASE SIZE 2½x2½x2 LESS MTG. SIZE. WORM GEAR 2000 RPM, WT: 2 LBS. STK# 3H3100A-1 PRICE: $2.95

John Oster type C 24A-1B - KS-5829-01 27 VDC 1/100 HP 7000 RPM DC Series Motor 2" D.X 3" L. Shaft ¼ X 1 Wt. 1 lb USED 75¢ UNUSED $1.25

MERCURY MOTOR 24 TO 28 VOLT 60 CYCLE OPEN FRAME TYPE, APPROX 2500 TO 3000 RPM DEPENDING ON OPERATING VOLTAGE & LOAD. SIZE:2⅜x2¾x3; WT: 1 LB. #MER-MO2428 75¢

12 VDC

EMC TYPE 300, 45 V 60 CYC, 6½ RPM LIGHT OPEN FRAME 5x2⅜x1½; SHAFT 3/16x1; 1 LB. $1.50



12 VOLT D.C MOTOR W/ MAKE & BREAK CONTACT, APPROX. 5000 RPM, 1/20HP SZIE 4½x3; SHAFT1"x¼;#ENOT453 PRICE: $1.95

Delco 5069370 27 VDC Reversible PM Motor and Gear assm. in an Aluminum case. Output speed is 80 RPM through a friction clutch to a double shaft ¼ X 3/4 on one side, ¼ X 1½ on the other. Size complete assm. 3 5/8 X 2 X 4¼ excluding shaft. Has built in noise filter system. Wt. 1 lb. 5 oz. Price..... $ 4.95

TG-10 KEYER MOTOR , 115 VOLT 60 CYCLE 1550 RPM, SHAFT 1-7/8", GEARED TO 80 RPM. SIZE: 3⅜x3⅜x4½; WT: 3 LBS. #3H3000-3 REMOVED FROM TG-10 EQUIPMENT $2.95

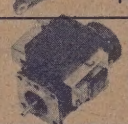
MOTOR OPEN FRAME, 117 V. 60 CYC 500 RPM 1 DIRECTION,1000 OTHER. SHAFT 1/16x⅜;2x3x4;#B30B 2LB $1.

MOTOR 24 VDC, 2800 RPM,6.5 AMP. 1/10 HP.SHAFT ¼x1, REVERSIBLE. 5x3x3; 6 LB. EMERSON 0412 $3.95

BENDIX BAND CHANGE MOTOR #AC56566-2 OPERATES FROM 28 VDC. THREE POSITION POSITIVE STOP. WITH SWITCHES & WAFER ASSY. SIZE:6x3x2 WT: 1LB. PRICE: $2.95

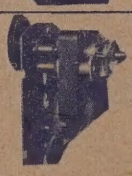
WE KS-5871-L01 MOTOR 28 VDC 3.3 A 5600 R.P.M. 1/25 H.P. SERIES WIND CONTINUOUS DUTY, REVERSIBLE, WITH SPEED GOVERNOR. (WILL ALSO OPERATE FROM 12 VDC AT REDUCED SPL SHAFT ⅜x⅞,MTR.6½x3¼;5LB;U/U $7.95

Bendix LM108J 24VDC 1/25 HP 15,000 RPM Series Motor. Geneva Loc. Actuator. Shaft roates ¼ revoluation and stops and is locked in place until next contact is made then the cycle is repeated-time per cycle app. 3 seconds. Size 4 X 2¼ X 5½. Shaft size ¼ X ½. Wt. 1 lb. 14 oz. Price..... $ 4.95



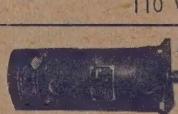
General Electric 58A25MJ424 - Type BA 24 V @ 4.2A 7100 RPM 1/20 HP Flange mount Motor size 2½" X 5". Shaft size ¼ X 1 Wt. 3½ lbs. Price..... $1.95

ELECTROLUX MOTOR 28.5 VDC. 1.8 AMPS. 2200 RPM. 1/35 H.P. SHAFT SIZE 1¼ x ¼ MOTOR SIZE: 4⅜x3⅜ WT: 5 LBS. PRICE: $3.95



LOW SPEED MOTOR; 230 V 60 CYC. 10 R.P.M WITH GEAR BOX, SHAFT ¼x⅜" MOTOR SIZE 2⅝x2½x4; 2 LBS. $1.95

EIGHTY (80) VOLT 60 CYCLE 78 RPM PHONO MOTOR ON MOUNTING PLATE. WILL ALSO OPERATE FROM 110 V W/RES. 3x3x3; 2LB $.59

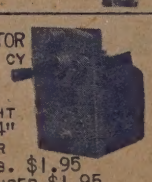


DALMOTOR MODEL SH-42; 28 VDC, 1/4HP TWO SPEED, 9000 RPM 8 AMP. 3000 RPM 2 AMP.FL. MTG. 3⅝ SQ.SH. 5/16 x1, GEAR 7/8,MOTOR SIZE 10⅜x3¼,15 LBS. PRICE: $8.95

MERCURY MOTOR 8100, 115 VOLT 60 CYCLE, 1750 RPM, OPEN FRAME 3x2⅜x2, SHAFT ¼x1½, WT: 1 LB. PRICE: $1.00

GEARHEAD MOTOR 115 V. 60 CYC. 54 RPM,OPEN FRAME F/MED USE, SHAFT 5/16 x 1/2 4x3x2⅝ MO. #9M203 UNUSED $2.95

GEARHEAD MOTOR 115 VOLT 60 CY 3.44 RPM OPEN FRAME TYPE. F/LIGHT USE. SHAFT 4" x5/16, MOTOR 6x2x3. 1⅛ LB. $1.95 #ZA-1056 UNUSED $1.95



ART-13 MOTOR 28 VOLT D.C 3900 RPM, 1/20 H.P. REVERSIABLE, BALL BEARING. (WILL OPERATE 12 VOLT SIZE 3x3x3⅜; 2LB. #B-101/803/800. USED $1.75 UNUSED $2.75

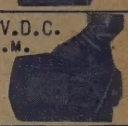
OSTER 10 CFM Blower John Oster motor C2BP-1A 27.5 VDC 1/100 HP 6000 RPM with blower 10CFM. Size 3½ x 3½ x 4½ Wt 1½ Motor & Blower $3.95 Motor only 1.95

400 CYCLE BLOWER Eastern Air Devices 10 CFM Blower 115 Volt 400 cycle, 1/100 HP motor. Size 3½x3½x4½ Wt. 1 lbs. PRICE: $2.95

PINCOR BLOWER Cast Aluminum housing shunt type motor 24 VDC 5000 RPM,10 CFM blower. Motor noise filtered.WT 11b 10 oz. Size 3½x4½x4. PRICE: $2.95

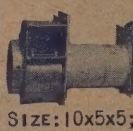
OPEN TYPE BLOWER Delco motor 5069267 27 VDC 6000 RPM, reversible shunt type, flange mount. WT 1 lb size 1-3/4x2-5/8x2½. Motor-Blower $1.95 Motor only $1.50

DELCO PM MOTOR 12 VDC 10,000 RPM, GEARED TO ASSY. APPROX 250 TO PLASTIC WHEEL & POT. 4x3½x2; 1 LB. #5092543/2 $4.95



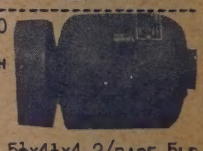
CAMERA MOTOR 12 V.D.C. OR A.C. 5000 R.P.M. DOUBLE END SHAFT 1/8x1/4,MOTOR 2⅜ x2½. WT: 8 oz. #CM-120 $1.95

B-701/R-107 MOTOR FROM AS-313/ARN-6 LOOP ANTENNA. OPERATES FROM 26 VOLT 400 CYCLE, WILL OPERATE FROM 12 VOLT 60 CYCLE. GEAR TRAIN ASSY APPROX. RPM. SIZE 3x2¾x3; W/3/8" GEAR. WT: 1 LB. PRICE: $3.95

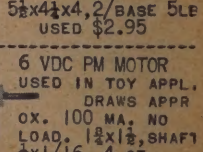


12/24 VOLT DC DUAL BLOWER APPROX. 50CFM 1500 RPM @ 12 100 CFM 3000 RPM @ 24 VOLT SIZE:10x5x5; WT: 5 LB.U $2.95

6 VDC FAN MOTOR 4500 R.P.M. SHAFT SIZE ¼x⅜ MOTOR SIZE 2½x2½; WT: 2LB. #FR-6-7B UNUSED $1.00 SOLD OUT



115 VOLT 60 CYC. MOTOR 1/75 HP 1PH 1750 RPM W/3½x1" WHEEL, SHAFT 5/16 MOTOR SIZE 5½x4¼x4,2/BASE 5LB # SM-30-FR USED $2.95



6 VDC PM MOTOR USED IN TOY APPL. DRAWS APPROX. 100 MA. NO LOAD. 1⅝x1½,SHAFT ⅛x1/16. 4 oz. 2000 RPM. FP-10-6 39¢ 3 FOR $1.00

HARDWARE KIT: CONTAINS 50 CLAMPS OF 5 DIFFERENT SIZES 20 SCREWS, 5 TYPES, 15 WASHERS, 7 LUGS, 4 HEX. NUTS, 18 SPACERS. #RC298 5LB. 75¢

RUBBER SHOCK MOUNTS

| | | |
|---|---|---|
| 4 LB. | #4 | $.30 |
| 6 " | #6 | .35 |
| 10 " | #10 | .40 |
| 12 " | #12 | .50 |
| 16 " | #16 | .60 |
| 24 " | #24 | .75 |
| 35 " | #5215 | .75 |

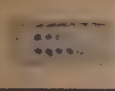
OTHER TYPE MOUNTS AVAILABLE IN LIGHTIER & HEAVIER. ADVISE NEED

## TUBE SOCKETS

| | |
|---|---|
| OCTAL CERAMIC 2 HOLE MTG. | $.25 |
| " " RING " | .15 |
| " BLACK " " | .15 |
| LOCTAL CERAMIC " " | .20 |
| LOCTAL MICA 2 HOLE MTG. | .15 |
| 14 PIN MICA SMALL 1¼" MTG | .15 |
| 4 PIN CERAMIC 2 HOLE MTG. | .25 |
| 5 " " RING " | .29 |
| 6 " " 2 HOLE " | .29 |
| 7 " " " " | .29 |
| 4/5/7/9 PIN WAFER " " EA. | .10 |
| 7/9 PIN MICA SMALL " " " | .20 |
| 9 PIN CERAMIC " " " | .35 |
| METAL SHIELDS SMALL 7-9 " | .10 |
| 829 CERAMIC SOCKET | .75 |
| 872 " " W/SHOULDER | .75 |
| 811/866 " " W/ " | .75 |

GIANT 4 CONTACT CERAMIC FOR 872, 211 ETC. 3½" RD. GE#ML7461594-G1 PRICE: USED $.39

GIANT 4 CONTACT CERAMIC SOCKET FOR 715, 718 ETC. 3½" RD. STK#2Z7684.98 PRICE: NEW $.50

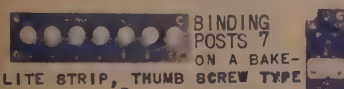


CERAMIC COIL FORM F/ ART-13 ANTENNA LOAD SIZE 2"x5". NO WIRE 50¢ WITH WIRE $1.00

REGULATOR CURRENT AUTOMOTIVE TYPE OPEN FRAME 50 AMP. SIZE 2½x2½x1½; 1LB ORD.#G1026184433 DELCO#1884042 $1.00

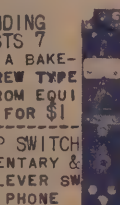
TERMINAL STRIPS WITH CLIPPED WIRES

| AMT. TERMINALS | 6 - 8 | 10 - 12 | 14 |
|---|---|---|---|
| 1" WIDE EACH | .15 .20 | .25 .30 | .35 |
| 1½" WIDE " | .20 .25 | .30 .35 | .40 |

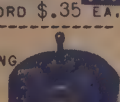


BINDING POSTS 7 ON A BAKELITE STRIP, THUMB SCREW TYPE TERMINALS. REMOVED FROM EQUI PRICE: $.35 EA. 3 FOR $1

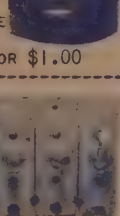
TELEPHONE SIGNAL DROP SWITCH BOARD UNIT WITH MOMENTARY & HOLD MULTI-CONTACT LEVER SWING IN DROP RELAY & PHONE JACK. SIZE 1½x8x3. WT: 1 LB. #EE-2 $.39 EA. 3/$1 USED PL-11 PLUG ON 30" CORD $.35 EA.



SW-118 SWITCH ASSY. SPST, ONE SIDE HOLDING ON - OTHER SIDE MOMENTARY ON, CENTER OFF SWITCH SIZE ½x1, CASE SIZE 2½x1. PRICE: $.35 EA. 3 FOR $1.00



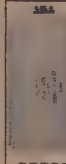
B-9A SWITCH ASSY SPDT CENTER OFF 5 AMP. 125 VOLTS TWO HOLE MTG. SIZE: EA. SW. 3/4 x2x1. $.35 EACH BANK OF FOUR $1.



# Capacitors

| MFD | VDC | SIZE | PRICE |
|---|---|---|---|
| 24000 | 3 | 4x3 RD | $1.00 |
| 2000 | 15 | 1⅛x4½RD | .59 |
| 1000 | 50 | " | .55 |
| 3500 | 35 | 2⅛x4½RD | 1.00 |
| 4000 | 40 | 2x4RD | 1.25 |
| 7500 | 35 | 2⅛x4½ | 1.95 |
| 8000 | 55 | 3x4½ USED | 1.00 |
| 10000 | 50 | 2⅛x4½ | 2.50 |
| 500 | 200 | 2x4 USED | 1.00 |
| 2 | 600 | 1⅛x4½x1 | .25 |
| 4 | 600 | 3⅛x2⅛x1½ | .50 |
| 6 | 600 | 4⅛x2⅛x1½ | .75 |
| 7 | 600 | 4 x4 x2 | .85 |
| 10 | 600 | 3⅛x4½x1½ | 1.10 |
| 2½/2½/5 | " | 6⅛x4x2 | .75 |
| 1 | 1000 | 1⅛x2⅛x1 | .50 |
| 2 | 1000 | 1⅛x4x1 | .95 |
| 15 | 1000 | 3⅛x4½x2½ | 2.95 |
| 1-1-1 | 1200 | 3⅛x3⅛x2⅛ | 1.00 |
| 1 | 2000 | 2 x3 x1 | 1.25 |
| .5 | 1500 | 2⅛x1⅛x1 | .75 |
| .5 | 2000 | 2⅛x1⅛x1 | .95 |

| MFD | VAC | SIZE | PRICE |
|---|---|---|---|
| 5 | 660 | 3⅛x4⅛x1⅛ | 1.95 |
| 15 | 330 | 3⅛x5⅛x1½ | 1.75 |
| 1 | 1000 | 3⅛x4 x2 | .75 |

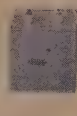


4000 MFD 40 VDC 2x4" RD. #T-128B $1.25

7500 MFD 35 VDC 2½x4¼", 8427388-15 $1.95

10000 MFD 50 VDC 2½x4½, 836-1121 $2.50

WESTERN ELECTRIC D170563 CAPACITOR
1-CAN .1 UF 5000 VDC
2-3 1.0 UF 2000 "
3-4 1.0 UF 2000 "
SIZE: 5½x5x2; WT: 3LB
PRICE: $1.95



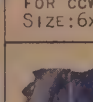
10 MFD @ 2000 VDC 4½x4½x3⅜; 3LBS. 5910-819-2151 $5.95

2 MFD @ 4500 VDC 5x4x3; WT: 4 LBS. F350-7628821 $6.95

| MFD | VDC | SIZE | PRICE |
|---|---|---|---|
| 4 | 1000 | 2⅛x4½x1¼ | $1.00 |
| 8 | " | 3⅛x4½x1⅛ | 1.50 |
| 10 | " | 3⅛x4½x1⅛ | 1.95 |
| 2 | 1500 | 2⅛x4x1¼ | 1.00 |
| 15 | 1000 | 3⅛x5⅛x2½ | 1.00 |
| .01 | 7500 | 2⅛x3⅛ RD | 1.25 |
| 1.0 | 4000 | 3⅛x5x2¼ | 2.95 |

| MFD | V.A.C | SIZE | PRICE |
|---|---|---|---|
| 10 | 370 | 1⅛x6RD | 1.00 |
| 10 | 236 | 2½x2x2½ | .50 |
| 4 | 470 | 2⅛x2x1¼ | .35 |
| ABOVE MOTOR TYPE | | | |
| 25 | 330 | 3⅛x4½x3 | 2.95 |
| 15 | 440 | 3⅛x4⅛x2½ | 2.95 |

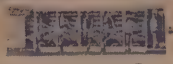
MOTOR CAPACITOR, WESTINGHOUSE STYLE #773298, WIRING FOR CCW AND CW. SIZE: 6x5½x3½; 8LB. $4.95



HEAVY DUTY TAP SWITCH 6 POSITION 4 HOLE MOUNTING SIZE: 2½x2½x1½ STK#3Z9604-2 $1.50

100 WATT Size 4½x 2-3/4" 3/Make 3/Break #3Z9626 $2.50

## ROTARY SWITCHES



ROTARY WAFER SELECTOR SWITCH CERAMIC, 6 DECK, 4 POLE 6 CONTACT. 7⅛x2⅛x2½; 3½ LB SHALLCROSS #10214 USED $2.95

SWITCH ROTARY CERAMIC WAFER 5 DECK, 1 POLE, 9 POSITION 7x2x2; 1½ LB. SIL.PL.CONT. #5930-185-0597 $1.95 NEW

SWITCH ROTARY BAKELITE WAFE 8 POSITION, 3 SECTION, SECT. #1 NON-SHORTING TYPE CONT. SECT. #2&3 SHORTING TYPE CONTACTS. 3x2x2; WT: 8 oz. #3Z9825-75.4 NEW $1.00

SWITCH ROTARY, 3 SECT; 5 SWITCHING POSITIONS, 6 MOVING, 36 FIXED CONT, 6 POLES 5 THROWS, COMB. SHORTING & NON-SHORT #3Z9824-81.5 $.75

SWITCH ROTARY BAKELITE WAFE 2 DECK, 5 POSITION, 1 POLE MOMENTARY 5 POSIT. 2x2x2 #SW-145 39¢ EA. 3 FOR $1

GE CERAMIC POWER SWITCHES 2 DECK 3 POSITION 2x3 IN. GE#ML746812-G1/403 $1.95

GE HEAVY DUTY CERAMIC, TWO DECK 4 BREAK 3 MAKE, 2x4" #ML7464910-G1/407 $1.95

GE HEAVY DUTY CERAMIC, TWO DECK 3 POSITION, 3x4½" #ML7762999-G1/397 $1.95

SWITCH ROTARY ONE DECK, CERAMIC 11 POSITION. 2" DIA. No. C-87/S601 75¢ EA.

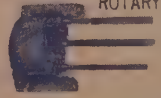
SWITCH ROTARY CERAMIC TWO DECK FOUR POSITION, SINGLE HOLE MTG. 2" DIA. No. C-87/S-602 75¢ EACH

SWITCH ROTARY, 2 DECK, 22 POS 4 CIRCUIT EA. DECK. 1½"x1" 3Z9825-66.13 $.50

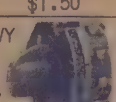
SWITCH ROTARY, 5 DECK, 8 POS. ONE CIRCUIT. SIZE 2x3" MORRIMOR RE-MOVED #58 $.75

ROTARY SWITCH, SINGLE GANG 4 CIRCUIT WITH 2 CONTACTS FOR EACH. DIA. 1½". X 1". 3Z9827.34 59¢ 2 FOR $1.00

ROTARY SWITCH SINGLE 17 CONTACT DECK, ONE TIE DECK DIA. 2⅛x1 LANS. SW-942-249 75¢ EACH 2 FOR $1.25

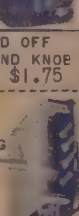


ROTARY ACTUATOR WILL OPERATE FROM 12-28 VDC, 12 POSITION, 30 DEGREES EA. 2½" SHAFT AND RODS FOR MOUNTING WAFER SWITCHES. MOUNTING 2½x3, 1¾" H. WT: 1 LB. #MX167869G1 $1.50



12 POSITION HEAVY DUTY TAP SWITCH BENDIX 10-34740 SIZE 3x1½; 4 oz. $2.95

THREE DECK 8 POS. AND OFF MARKED ON 2½" DIAL AND KNOB #3Z9825-66.147 2x3" $1.75



SELECTOR SWITCH TAP 12 POSITION 1 POLE 5 AMPS. NON-SHORTING 2¼x2⅛x1⅛; 1 LB. P/O RA-83 #3Z9825-4 40.2 $2.50

## Kits $1.00

DISC CERAMIC CONDENSERS 33 ASST. 15MMF-.01MFD Good Value $1.00 a KIT

TUBULAR CONDENSER 50 ASST. .00025 to .1 200 to 600 V $1.00 a KIT

MICA CONDENSERS 25 ASST. 10 MMFD To 6800 MMFD. $1.00 a KIT

TRIMMER CONDENSERS 25 ASST. 3 to 280MMF WIDE RANGE $1.00 KIT.

RESISTORS INSULATED 50 ASST. ⅛,¼,1 & 2 Watt wide range of good values 50 ASSORTED $1.00

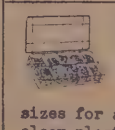
RESISTORS WIREWOUND 25 ASST. 5 to 20 Watt. Wide range of values some tapped. 25 ASST $1.00

VOLUME CONTROLS 10 ASST. Popular Values $1.00

TUBE SOCKETS 20 ASST. Octals Loctals Minatures Wafers etc $1.00

PILOT LIGHT SOCKETS 25 ASST Bayonet Screw etc. $1.00

TERMINAL STRIPS, Tie lug strips, ASST types. 25 for $1.00



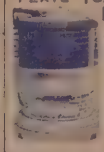
TERMINAL LUGS, ring spade, crimp types. Wide variety of sizes for all uses in clear plastic box, Approx 200 PCS $1.00

HARDWARE KIT NUTS, WASHERS SCREWS, RIVET GROMMETS ETC. 1½LBS. $1.00

ELECTRO DATA PLUG IN COMPUTER ASSY. 5 DIODES, 37 RESISTORS, 17 CPACITORS, 7/9PIN TUBE SOCKET VOL. CONTROL, PLUG. 13⅜x2½x7½; 3 LBS. #EDP-42 59¢ 2/$1

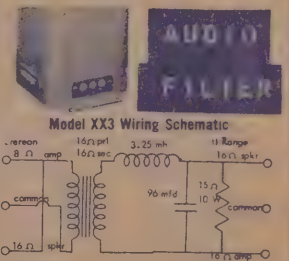
PE-109B INVERTER FILTER, MALLORY NF-1-2/ LELAND B-2037, REF. 120 STK.#3H2575-1095 3¾x3x2½; WT: 2LB NEW $1.50

FT-498 SHOCK MOUNTING WITH FOUR 10 LB. RUBBER MOUNTS ON A ALUMINUM PLATE 13x8x1⅛; WT: 2 LBS. PRICE: $1.00



VOLTAGE REGULATOR INPUT 21-30 V.D.C 5 AMPS. REGULATION 18-30 VDC #45M281 SIZE: 4x3; 3LBS. $1.50

ALARM BELL OPERATES ON 24 VDC. 4⅜x4⅜x2⅛ # 561-3 $1.25

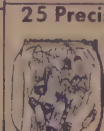



ELECTRO-VOICE FILTER EVXX3 IS A AUDIO FREQ. FILTER THROUGH WHICH TWO AUDIO AMPLIFIERS CAN BE CONNECTED TO 2 SPEAKER SYSTEMS. ALL BASS FREQ. BELOW 300 CPS ARE PASSED TO ONE SIDE OF THE SYSTEM WHILE THE HIGHER FREQ. ARE PASSED WITHOUT CHANGE TO BOTH SYSTEMS. IN A STEREO SYSTEM THIS ELIMINATES THE NEED FOR 2 FULL RANGE SYSTEMS. CAN ALSO BE ADAPTED TO OTHER USES. #EVXX3F 5½x4¼x5½; 8 LBS. NEW $2.95

UNUSED $2.95 USED $1.95

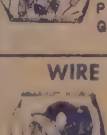
T-39 MICROPHONE AND CHEST UNIT THAT WAS USED TO CARRY DRY CELL BATTERIES. PHONE JACK AND 1 FT. CABLE WITH 8 RECEPTICAL PLUG. ON-OFF SWI AND FUSE HOLDER. INSIDE DIMENSIONS 5½x1½x9. WT: 6½

25 Precision Resistor Ass't



WIRE WOUND OR CARBON 1% OR BETTER GOOD VALUES. $1.00
50 TINY CAPACITORS SELECTED TINY ASST PAPER & CERAMIC X GOOD VALUES. $1.00

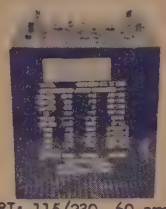
WIRE ASSORTMENT



SIX 25 FT. COILS FULLY INSULATED STANDARD SIZES TINNED COPPER ASST, COLORS $1.00

**MINIMUM ORDER $3.00**

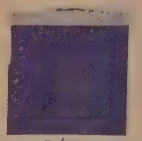
# Power Transformer Filament Modulation Microphone Chokes



PRI: 115/230 60 cyc
SEC: 800 CT. 120 MA
6.4 4.5 AMP
5 2 "
6.3 .6 "
6.4 450 MA
Size5x5x6 WT. 13 lbs.
Stock # 2Z9621-380
PRICE: $2.95

PRI: 115 V 60 cyc.
SEC: 1080 CT.142 MA.
6.3 1 AMP.
6.3 2 AMP.
5 3 AMP.
Size 5x5½x5½ WT.14 lbs
Stock # 2Z9613.52
PRICE: $3.95

PRI: 117 V 60cyc
SEC: [illegible] CT 200MA
1350 WORK V
4½x6x4½; LBS.
#5950-[illegible]-2633
$7.95
SOLD OUT

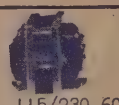


PRI:115/230V 50/6C
SEC: 1200VCT350MA
6.3v. 8 AMP
5.3VCT 6
6x5½x4½ 25 LBS.
#T-201/PP-115
$8.95

PRI:115v. 60 cyc
SEC.740VCT 375 MA
6x6½x4½; WT:20 LB
GE#K34J250 $6.95

PRI:115v 60 cyc
660 250 MA.
6.0 A.
5.3v 6.0 A.
6x6½x4½ LBS.
GE#K34J533 $5.95
SOLD OUT

PRI: 110v 60cyc|-2
PRI: 220v 60cyc|-3
SEC: 6.3v .9A 4-5
6.3v .3A 6-7
24v .9A 8-9
500VCT 35MA
TERMINALS 10-12
CT TER. 11 WT. 4L
3x3x3½ #RM-13-317
A TO D. $1.95



PRI: 115/230 60c
SEC: 800 CT ALSO
TAPPED 310,374
426,536@70 MA.
6.3 1.02A.
6.3 1.5 A.
6.3 0.60A.
3½x3½x3½; 5 LBS.
#5950-679-2094
$1.95

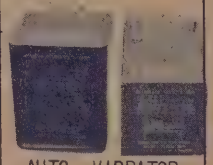
PRI: 115 V/50-60C
SEC: 720 CT/200MA
12.6 3 A
6.6 10 A
5.25 3 A
S/5x4½x5½.WT:
STK.# 203533
PRICE: $4.95

POTENTIAL TRANS
PRI:1/2/4/10/20/
40/100/200/40
0/1000/2000 V.
SEC: 40 V 100 MA.
6x7x4½; WT: 20 LE
Espey#T-4 16,271
$5.95

PRI: 115 v. 60 cy
SEC: 1540 CT.166A
1230 CT.257A
BOTH VOLTAGES ONE
WINDING
5.1 4.5A
6.5 4.0A
6.5 .5A
7½x6x6½; WT:35 LBS
STK# 2Z9613.53
$7.95

PRI: 115 V 60cyc
SEC: 850CT 280MA
280CT 10MA
5 v 5 A.
6.3 v 600MA
36 v 5 A.
5½x5½x7½; 28 LBS.
#5950-646-3943
$6.95

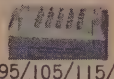
PRI: 90 V 60cyc
SEC: 6400 V. @
APPROX. 50 MA.
5½x6½x6; WT:15 LBS
#D-128-3553
$14.95



AUTO VIBRATOR
TRANSFORMER
VIBRATOR 12/115cy
SEC: 248CT 90 MA
1 2.4 AM
115 CYCLE
SIZE:2½x3½x3 WT4
STK#2Z9625-75
PRICE: $1.50

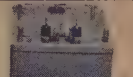
VIBRATOR 12/115cy
SEC: 300 CT 100MA.
27 CT 2MA.
SIZE:3x3x3½ WT:4LB
STK#2Z9625-73
PRICE: $1.50

VIBRATOR FOR ABOVE
TRANSFORMERS 6.3 V
4.3 AMP. FOR 12 V
USE DROPPING RESIS
TOR.
STK# 3H6690-15
PRICE; $1.95



PRI:95/105/115/125
190/210/230/250
SEC: 2/4/6/8 @225
MA. 90/100/110/
@ 225 MA. ALSO
SEC. #2 115 V.
@ 500 MA.
4½x5½x4;WT:13 LBS.
#KLEINSCHMIDT5399
$7.95

PRI: 115 v 60cyc
SEC: 550VCT|20MA
17v 1.2 A
5v 3.0 A
6.3v 11.1A
4½x4½x5; 12 LBS.
#5950-194-9065
$4.95



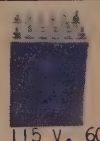
PRI: 115/230 V
50/60 cyc
Sec: 1600VCT 230
MA & TAPPED 760v
@ 40 MA.
6x6½x4½; 30 LBS.
$8.95

PRI:105/115/130/
145/160/180/200/
225/250/v 25-60cyc
SEC: 780VCT@65MA.
2.5 v @ 2 AMP
6.3 v @ 4 "
5½x5½x4½; 13 LBS.
2Z9619-4 $2.95

PRI: 115v. 50-60c
SEC: 580VCT 70 MA
6.3 " 1.5 A.
5.0 v 2.0 "
TEST VOLTS 1750
3x3½x3½; 6 LBS.
#5950-648-6862
$3.95

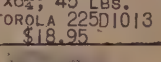
SEC: 650VCT 50MA
6.3 " 5 A
10.2 " 13 A
25NCT 4 A
RCA#K90|467-502
SIZE:6x6x6;WT:25
PRICE: $5.95

PRI:115v 60 cyc
SEC:1080VCT 226MA
6x5½x4½; 15 LBS.
#5950-762-9822
$6.95



PRI: 115 V. 60 cyc
SEC: 840 CT 110 MA
530 CT 21 "
5 V. 3 AMP
5 V. 3 "
6.3 V. 1 "
6.3 V. 0.3 "
5½x4½x4½; WT:14 LB
RAYTHEON#UX9117A
$3.95

PRI:115/115v 60cy
SEC: 2500 VCT @
.450 AMPS.D.C
7x7x6½; 45 LBS.
MOTOROLA 225D1013
$18.95



FOR RA-62 RECTIF.
USED TO POWER
SCR-522 REC-TRANS
PRI:110/220 VOLT
40-60 CYCLE
SEC: DC VOLTAGES
300 @ 230 MA
BIAS|50 @ 8 "
13.4 @ 3.9 A.
6x5½x8; 30 LBS.
#3340-296-862-192
PRICE: $7.95

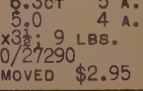
MODULATION TRANSFORMER
Watts 20 Response
Response 200-5000-1DB
Pri.Z 6000 SEC.Z 6000
Collins #677-2010-00
Size 2½x2½x3½ WT.3½lbs
Stock# 2Z9634.53
Price $2.95

TEKTRONIX # 310
OSCILLOSCOPES
P/N|20-0058-00
PRI: 117 v.
50 TO 800CYC
SEC: 205v 120 MA.
135v 150 "
205v 75 "
6.3v 3 AMP
6.3v 4 "
6.3v 6.2 "
6.3v 0.6 "
6.3v 0.6 "
4½x3½x3½; 8 LBS.
5950-688-6598
$9.95

MODULATION
TRANSFORMER
WATTS: 75
PRI: 200-250 OHM
SEC: GRID 813 TUBE
WITH SIDETONE
SIZE:2½x3½x3½WT2½
STK#GE7465620-1
PRICE:$2.95

MODULATION TRANSFORMER
100 Watt
RESPONSE 200 to 5000
PRI: 7000 SEC: 7000
F/BC-191/375 TRANS.
Size 3x4x5 WT. 5½ lbs.
Stock # 2c6191/T1
Price $3.95

100 WATT
MODULATION
TRANSFORMER
PRI: 7500 OHM CT
30,000 "
SEC:3000 OHM
35W 200 MADC
600 CT. 1 W
RMS TEST
1,2,3 500 v.
OTHERS 2500 v.
200-3500 CPS.
4½x4½x4½; 11LBS
#5950-646-3092
PRICE: $4.95



PRI: 115 V 60 cyc
SEC: 750CT 150 MA
6.3CT 5 A.
5.0 4 A.
4½x4x3½; 9 LBS.
TG-10/27290
REMOVED $2.95

PRI:115v 60 cyc
SEC:1200VCT 200MA
12.5 2 AMP.
12.5 2 AMP.
5.0 3 AMP.
4½x4½x4½; 12 LBS.
FAIR-617 $12.50
BUILT FOR COMMAND
TRANSMITTERS ETC.

PRI:115v 60 cyc.
SEC:500VCT 80 MA.
24v 2 A.
5v 3 A.
2½x2½x3½; WT: 3½LB
FAIR-818 $5.75
UPRIGHT CASED
BUILT FOR COMMAND
REC, BC-603,683ETC

PRI:115v 60 cyc
SEC:440VCT 138 MA.
24v 2 A.
5v 3 A.
4x4½x4; 8 LBS.
FAIR-1609 $7.50
BUILT FOR BC-652

PRI:115v. 60 cyc.
SEC:22 v 3 A.
3x3x3; OPEN FRAME
2 [illegible]SP-419 $1.50
SOLD OUT

PRI:115 v 60 cyc.
SEC: 28 v 10 AMP
3½x3½x3½; WT: 8 LB
#AB-001165 $4.95

PRI:115 v 60 cyc
SEC: 12 v 2 AMP.
2½x3x2; WT: 1½ LBS
EF-424 $1.50

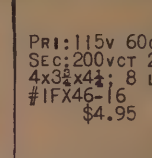
PRI:115/115v 50/60
SEC:26.4 v 1.70 A.
26.4 v 1.35 A.
3½x3½x3; 4 LBS.
5950-645-3854
$3.95

PRI:115v.60cyc
SEC. 24v 3 AMP
5v 3 "
3x2½x3; 2 LBS
FA-6705 $2.95

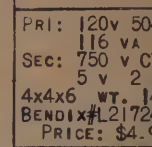
OUNCER
TRANSFORMERS

Transformer
Pri: 100 ohm
Sec: 4000 "
PO/BC-709 Amp.
3/4x3/4x1¼
ST#2Z9931
Price $.59

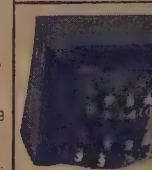
Transformer
Pri: 1.5 ohm
Sec: 35-35 "
PO/BC-347
3/4x3/4x1¼
Stock#2Z9947/421
Price $.59



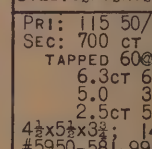
PRI:115v 60cyc
SEC:200VCT 2 A.
4x3⅝x4½; 8 LBS
#IFX46-16
$4.95



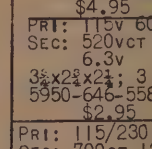
PRI: 120v 50-60cyc
116 VA
SEC: 750 v CT 200 MA
5 v 2 AMPS
4x4x6 WT. 14 LBS
BENDIX#L217240-1
PRICE: $4.95



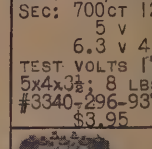
TS-239 SCOPE
TRANSFORMER
115V 50-2600c
735V 7MA,610V
205MA,300v @
75MA,5v@2AMP
6.3v@.6 AMP.
6.3v@.6 "
#2Z9619.168
SIZE:3½x3½x3½; 7LBS. $9.95



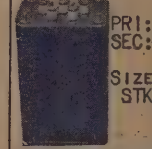
PRI: 115 50/60cyc
SEC: 700 CT AND
TAPPED 60@150MA
6.3CT 6 AMP.
5.0 3 "
2.5CT 5 "
4½x5½x3½; 14 LB.
#5950-581-9968
$4.95



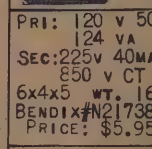
PRI: 115v 60cyc
SEC: 520VCT 30MA.
6.3v 2 A.
3½x2⅝x2½; 3 LBS.
5950-646-5586
$2.95



PRI: 115/230 60cy
SEC: 700CT 125 MA
5 v 3 A.
6.3 v 4.5 A.
TEST VOLTS 1780
5x4x3½; 8 LBS.
#3340-296-937581
$3.95

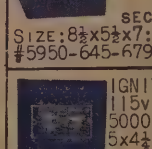


PRI: 115 V 60 cy
SEC: 820CT 120 MA
5 V 2 A.
SIZE:4x6x3½ 10 LB
STK#ORD7629820
PRICE: $2.95

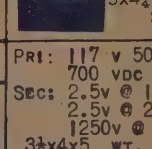


PRI: 120 v 50-60cyc
124 VA
SEC:225v 40MA
850 v CT 250MA
6x4x5 WT. 16 LBS
BENDIX#N217388-1
PRICE: $5.95

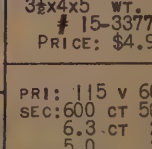
PRI: 115 V 60 cyc
TWO TAPS ALSO.
SEC: 6200 V 81MA.
LOWER TAPS ON PRI
5800 V 76MA
5400 V 71MA
SEC. TEST V 7500
SIZE:8½x5½x7; WT:30 LBS.
#5950-645-6792 PRICE:$14.95



IGNITION TRANSFOR.
115v. 60 cyc. sec.
5000v @ 20 ma.
5x4½x4½; 12LBS.
$3.95



PRI: 117 v 50-60cyc
700 VDC TEST
SEC: 2.5v @ 1.75A
2.5v @ 2.1A
1250v @ 2 MA
3½x4x5 WT. 7½ LB
# 15-3377
PRICE: $4.95



PRI: 115 v 60 cyc
SEC:600 CT 50 MA
6.3 CT 2 A.
5.0 2 A.
3x2½x2½; 2 LBS.
#5950-552-0891
$3.95

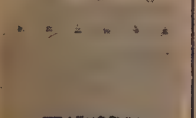
# TRANSFORMERS

PRI: 115v. 50/60 CY
SEC: 36v 1.5 AMP
24V 2.0 "
24V 2.0 "
4.5V 2.5 "
4¾x4¾x4; 14LBS.
#5950-655-0874
$6.95

PRI: 117 V. 60CY
SEC: 12.7/14.5
77 WATTS 6 AMPS.
5x5x5; 12 LBS
#5950-199-2297
$4.95

PRI: 115 v. 60c
SEC:
2.5v 1.75A
2.5v 1.75A
6.3v .6 A
3½x5x3¾; WT: 8 LBS
2Z9611.127 $1.95

PRI: 115 v. 60 CY
SEC: 2.2 v.
ALSO TAPPED WIND.
0-60v 10 TAPS 4
VOLTS EA. 1 TAP
20v.HV AMPS 4.LOW
EST VOLTAGE 20 A.
6x4x5; WT: 25 LBS
#6120-473-6811
$7.95



TF45X02YY
THREE PHASE
PRI 171v 50-450CY
SEC 28v @ 40A
6¼x7¼x9¾ WT.45Lbs
PRICE: $14.95

MICROPHONE TRANS
PRI: 40 OHMS
SEC. 75000 "
SIZE: 1½x1½x2
WT: 2 oz.
2Z9986-2/RM-12
PRICE: 75¢

MICROPHONE
PRI: 14.5-21 OHM
SEC: 4475-6500
OHMS
CARBON MIC.
2½x3½x2¾
#P7762352G1
$1.00

Microphone
Transformer
Pri: 1 ohm
Sec: 2000
1½x2x1½
ST#2Z9666A
Price $.59

1-177
TUBE CHECKER
TRANSFORMER
SIZE: 4½x4¾x4.5LB
STK.# 2Z9613.667
PRICE: $4.95

PRI: 144 V 50/60CY
1 PH.3.4/2.32 KVA
SEC: 23 V FULL LOAD
RMS-2500 V.MAGNATRN
SIZE:13x15x11;200LB
FSN5950-189-4659
PRICE:$30.00

ALL PRIMARIES
115 VOLT 60 CYCLE
SIZE:2x1¾x1½; 4oz

PRI:220/400v 60CYC
SEC:110v@50MA,
#4527 $1.50

SEC: 24 V 50 MA
2/WIND12.6 0.5 A
MW#4523 $1.25

SEC: 24 V250 MA
MW#4528 $1.00

SEC:125 VOLT 35 MA
12.6 " 330 "
MW4534 $1.50

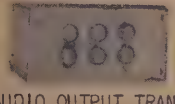
SEC: 25v 30 MA
2/WIND12.6v 1 A.
MW#4530 CASED$2.

OUTPUT

OUTPUT
TRANSFORMER
30 WATT
$3.95

PRI: 8000 OHM
SEC: 4/8/15 OHM
3x3x3½; WT: 2LB
#TG-10/27291

2 WATT OUTPUT TRANSFORMER, PRI.2500 OHM SEC. 3.2 OHM
#49872 79¢



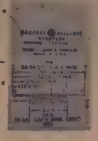
AUDIO OUTPUT TRANS
PRI: 450 OHMS
SEC: 300/4000 OHMS
IMPEDANCE
PO/BC-348
STK# 2C4348M/T
2x2½x4 WT. 2½ LBS.
PRICE: $1.00

OUTPUT
TRANSFORMER
NP/NS-1.77/6.6,50
TO 5000 CYC. 5MA.
SIZE: 2x2x2
GEM 7465623-1
PRICE: $.75

LOW VOLTAGE
TRANSFORMERS

ALL PRIMARIES 105/110/115
120/125 VOLTS 60 CYCLE.

SEC: 6.6 V 18 AMP.
3½x5½x4; 13 LBS.
GE#9T35Y159 $3.95



SEC: 6.6 V 10 AMP.
4x3½x4; 9 LBS.
GE#9T35Y158 $2.95

SEC: 6.6 V 10 AMP & 6.6VCT
1 AMP. 5x4x3½; 10 LBS.
GE#9T35Y181 $3.25

ALL PRIMARIES 115 V 60CYC

SEC: 6.3VCT 3A & 5V 6 AMP.
3½x4½x4½; 4 LB;
#2Z9611.106 $4.95

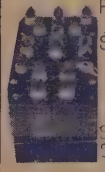
SEC: 6.4v .5 AMP.#2Z9613-
245; 2½x2½x3½; 2LB. $1.25

SEC: 6.3v 1.2 A.2½x3½x2½;1LB
ESC-363-D T49081 $1.25

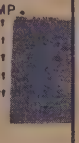
SEC: 6.3v 1 A. 2½x3½x2½;1LB
ESC-363-D T49081 $1.25

PRI: 230v 60 CYC
SEC: 6.3v 30A OR 5.67v30A
4½x5½x3½; 13LB#6510 $4.95

FILAMENT TRANSFORMER
PRI: 70/100/140/200
60 CYC
SEC: 12.6 CT .7 A
6.3 CT .9 A
6.3 CT 1.5 A
6.3 CT 1.5 A
2.5 KV TEST
SIZE: 5½x3x4 WT 5
STK# GE-7465625-P1
PRICE: $2.95



SEC: 6.3 v 3.1 AMP.
6.3 v 2.5 "
6.3 v 0.45 "
6.3 v 0.30 "
5.0 v 2.0 "
5.0 v 2.0 "
3½x4½x3; 4 LBS.
#TF1A01JA $3.95



PRI: 115 V. 60 CYC
SEC: 5 V. 2 AMP
5 V. 2 "
4½x5½x2½; WT: 8 LB
#2Z9611.389 $1.95

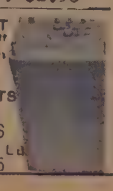
MICROPHONE TRANSFORMER
PRI: IMPEDANCE 50 OHM 30MA
SEC: IMPEDANCE 500 OHM
FREQ. RESPONSE 400-1900CPS
SIZE: 1½x1½x1½; WT: 8 OZ.
$1.00 T-204/PP-115

LINE TRANSFORMER INPUT
PRI: IMPEDANCE 500 OHM CT
SEC: " 500 "
FREQ. RESPONSE 600-12000CP
SIZE:2½x2½x2; WT: 1 LB.
T-203/PP-115 $1.50

HIGH AUDIO

ALTEC LANSING 70W
OUTPUT TRANSFORMER
PRI: 3300 OHM CT
SEC: 250 & 500 OHM
SIZE: 4½x5x4½
WT. 13 LBS.
STK# TMJ-217A
PRICE: $2.95

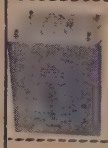
PRI: 7000 OHM CT
SEC: 265 " "
80 " "
ONE WINDING
POWER: 62.5 WATTS
RESPONSE: 1 DB
20-20,000 CPS
SIZE:4½x6x4; 20 LB
TF1A13MA $4.95



HIGH VOLTAGE
TRANSFORMERS

PRI: 115 VOLT 50/60 CYCLE
3.75 KVA
SEC: 7500/3750 V 5.3 KVA
MAX. DC OPER. 4.25 KVA
RMS 17 KV.
SIZE: 17x10x12; WT: 250LBS
FSN 5950-189-6498
PRICE: $75.00

PRI: 105-125v
50-60cyc
SEC: 1100v CT @
250 MA
SIZE: 5½x5½x4½
WT. 16 LBS.
UTC 52336
$6.95



PRI: 105/110/115
120/125V 54-66CYC
SEC: 365V TAPPED
335 V.@ 500 MA.
4½x5½x3½; 9 LB.
#ADCA8691 $2.95

PRI: 105-110-115-
120-125
SEC: 365 V 775 MA
TAP.340 V 525 MA
850CT 30 MA
5 V 2 A
6x7x5" 30 LBS.
# GE7415214
$4.95

PRI: 105-110-115
120-125
SEC: 560CT 75 MA
365 V 150 MA
TAP335 V
3½x5x3" 8 LBS.
# TF1A02JA
$1.95

PRI: 117 V 60 CYC
SEC: 450 V 140 MA
12.6 20 AM
5.0 2 "
4½x6x4: 15 LB
EDO 10498 $6.95

PRI: 117V 60-400CYC
SEC: 750 VCT 55 MA
5.0
6.3 V @ 5 AMPS
3½x3x4 WT 5 LBS.
#271-P-1 $2.95

CIRCUIT PROTECTED
PRI: 110/220/440
50/60 CYCLE
SEC; 24 V 6 AMP.
6 V 1 "
CIRCUIT RESET
BREAKER 10 AMP.
FOR 4¼" SQ. BOX
MTG. ALSO 2½" TER
MINAL BOX W/KNOCK
OUTS.
SIZE:7x4½x5; 10LBS
FOSTER#D11586
PRICE: $6.95

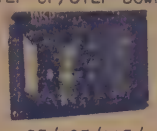
VOLTAGE REGULATED
PRI: 90-130 VOLT
50/60 CYCLE
SEC: 29 VOLT 6 AMP
SIZE:8x5¾x4½;20LB
PHOENIX#PX-2017B
PRICE: $5.95

PRI: 120V 50/60CY
SEC: 25V 3 VA
(120 MA.)
SIZE:2x1¾x1¾ MOUN
TED ON 4¼" ELECT.
BOX PLATE THAT
CAN BE RE-MOVED.
WT: 1LB.#AT75A1036
$1.00

FURANCE CONTROL
PR:120 V 50/60 CYC
SEC: 25 V. (3 AMP.)
SIZE:2½x2½x3 LB.
4¼" ELEC. BOX
MTG. WHICH CAN BE
REMOVED.#AT30A-
1023-1 $1.25

PRI: 115v 50-133CY
SEC:20 VOLT LOAD
OR 12.5v @ 2 AMPS
MOUNTED ON 4" RD.
ELECT. BOX COVER
3x3x2½; 2 LBS.
#FR-24960 $1.25

AUTO-ISOLATION
STEP-UP/STEP DOWN



PRI:95/105/115/
125/190/210/230/
250v. 50/60 CYCLE
600 WATT.
SEC:3 TAPS, VOLTAGE
DEPENDS ON PRIMARY
TAPS USED.
5x7x5; 18 LBS.
2Z9605.3 $8.95

CONSTANT VOLTAGE
PRI: 95 TO 130 v.
60 CYCLE
SEC: 6.5 v 12 AMP
9½x4x4; 16 LBS.
SOLA #302473
#5950-578-8875
$9.95

PRI: 115 V. 60 CYCLE
SEC: 4 V. 75 AMPS.
TRANSFORMER FOR SOLD
ERING PLIERS. USED
CONDITION, NO CONNEC-
TORS FOR PLIERS.
4x4x4½; WT: 15 LBS.
IDEAL#28 $7.50

PRI: 115 V 60 C
SEC: 6.3 V 3.6 A
15 V.004 A
15 V.004 A
SIZE:3x3½x3;4 LBS
STK#ORD7629806
PRICE: $1.50

PRI: 115 V 60 CYC
SEC: 6.3 V 2.75 A.
6.3 V 5.5 A.
SIZE:3½x4½x3;5LBS
STK#ORD7629805
PRICE: $2.50

PRI: 115 V 60 CYC
SEC: 6.3 V 4 AMP
SIZE:4x3x3½ 5 LBS.
STK#ORD7629823
PRICE: $1.50

PRI: 120v 50-60CYC.
SEC: 5v CT @ 10.8A
SIZE: 5½x3½x3½
WT. 8 LBS.
#L 217247-1
PRICE: $3.95

PRIMARY VOLTS
81,163 & 230
50/60 CYCLE
SECONDARY VOLTS
12 CT. 3½ AMPS
12 CT. 3½ "
13 CT. 10 "
@ 115v 2/16v-3A 1/17v
10A. SIZE 4x7x7 18LBS.
GE#7466333 $5.95

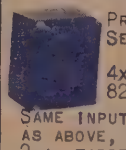
$1.75

SOLD OUT

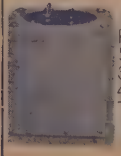
PRI: 115v 60 CYC
SEC: 6.3v 1.2A
SIZE: 3½x2½x5
WT. 4 LBS.
#7629809

PRI: 115v 60CYC
SEC: 40-0-40v .18A
3x3½x5 WT. 5LBS
#7629808
$1.50

PRI: 115v 60 CYC
SEC: 5.7v 21.8A
3¾x4½x5 WT. 9LB
GE-7469149
PRICE: $6.95



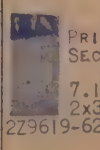
PRI: 115 v. 60CYC
SEC: 58 v. 2 AMP.
15 v. 5 "
4x4x3¾; 6 LBS.
82-30-8421 $4.95
SAME INPUT, SIZE, WEIGHT
AS ABOVE, SECONDARY 54 v.
2 A. TAPPED 2v. 13v 5 A.
#82-92-1103 $4.95



PRI: 200/220/240v
50-60 CYC
SEC; 10v CT @ 10A
4x4½x5½ WT. 11LBS
THERMADOR CS-8705
PRICE: $3.95

PRI: 110v 60 CYC
SEC: 6.3v 2A
12.6v 1.5A
SIZE: 2½x2½x4
WT. 4 LBS.
5950-556-1826
$2.50

PRI: 120 V 60 CY
SEC: 2.5 V 10 A.
NO C.T. INS.10M.
4½x3½x5; 8 LBS.
#2Z9611.144
$2.95

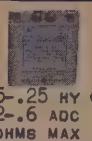


PRI: 115v60CY
SEC:375.5v
@.016A
7.1v@ 1.15A
2x3½x2; 1LB
2Z9619-62 $2.95

30 HY. 70 MA
550 OHM
2⅜x2⅛x3⅛;1LB
#3C325-6
$1.25

25 HY 160MA
350 OHM
3⅛x3⅛x4;8LB
3C317-38
$1.50

8 HY 100 MA
160 OHMS
2⅛x3⅛x2⅜;4LB
#TR-1024
$1.50



.5-.25 HY @
.2-.6 ADC
#70HMS MAX
DC 535v WVM
2⅛x3⅛x2⅛
4 LBS.
GE#9T35Y283
$1.25

25 HY 35 MA DO
1070 MV
2x3x2; 2LBS
GE#74|5231
$.79

8 HY 150 MA
100 OHMS
MAX. W. V. 715
3x4½x2⅜; 5 LBS.
# TF|A04HA
$1.95

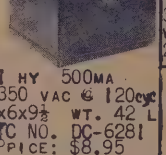
20 HY 300 MA

#CRP30366
SIZE:7x7x8
WT: 35 LBS.
$6.95

"A" CHOKE
1 HY 1 AMP
.7 OHM
2⅛x2½x3 1½ LB
STK#RM-13331
$1.25



DUAL CHOKE
11 HY 100 MA
200 OHMS
4x4x5⅜ WT 8
#3C557F-1
$.75



11 HY 500MA
1350 VAC @ 120cyc
7x6x9⅜ WT. 42 L
ITC NO. DC-6281
PRICE: $8.95

1.25 HY @ 1.23 ADC
PWV 1070
TF|A04LB

6⅜x5x4½; WT: 21 LBS
$5.95

## Chokes

8 HY 100 MA 160 OHM 2½x3⅛x 2⅜; 3LB. #TR-1024 $1.50

10 HY 0-1 AMP. DC @ 10v 60 CPS,268 OHMS,2⅝x3⅝x2⅝;4LB #6467 $1.75

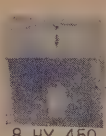
30 HY 50 MA 263 OHM3x4x2½ 5 LB. #XT-263A $1.00

5 TO 42 HY 160 OHMS 130 TO 20 MA3⅛x3x4½;7LB 5950-646-0561 $1.75

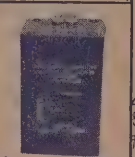
12 HY 210 MA 50 OHM 14 LB 5x6x4⅜; # 3C316-33 $2.50

20 HY 45 MA 308 OHM 2 LB 2½x3x2; #5950-260-0380 $1

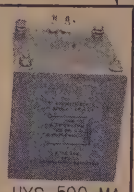
11 HY 500MA 35 OHM 25 LBS. 6⅜x8x6;PWV6425#10-28 $7½



8 HY 450 MA
THORD#T4473
P/O BC-303 TRAN
5⅜x4⅜x5½; 18 LB
STK#3H4622.1
$6.95



10 HY 150MA
210 OHMS
WT. 4½ LBS.
SIZE: 2⅝x5x2⅝
#217386-1
$1.75



10 HYS 500 MA
45 OHM DC RES
500 WORK VOLTS
#5950-646-1383
$5.95

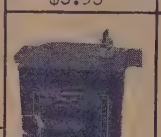
14 HY 125MA
275 OHMS.
2⅝x3⅝x5½;
308-708-060
$1.25

5 HY 50MA
250 OHM
2x2x2½ WT 1½
STOCK # 3C3672
PRICE: $.75

6 HY 75 MA
150 OHM
3x3x2⅜ WT:2½
STK#3C316-7
PRICE $.79

10 HY 375MA
100 OHMS
4x4x6⅜ WT. 13
#L217210-1
PRICE: $4.95

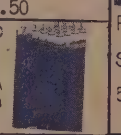
10 HY 415 MA
RES. 60 OHMS
TEST V 1800
SIZE 4x5x3½
WT: 12 LBS.
5950-645-9675
$4.95



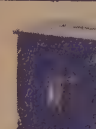
15 HY 165 MA
135 OHM
4x4x3½; 8LB
$1.25

17 HY 80 MA
300 OHM
2½x2⅜x3 WT. 2
#3C326-31B

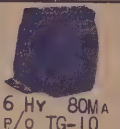
REACTOR FILTER CHOKE
INDUCTANCE 3 HY. RES. 30 OHM, 350 MA DC 2000 V. PK.
SIZE: 3½x4⅜x2⅜; WT: 6 LBS.
L-225/PP-115 $2.50



PRI: 117v 50-60cyc
SEC: 3/5v CT @ 2A
2/5v CT @ 2A
2/2.5v @ 10A
7x4x3½ WT. 12 LB
GILFILLAN #54|48-1
PRICE: $5.95

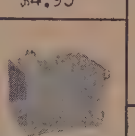


7.5 HY 650 MA
5⅜x6⅜x7 31 LB
T-47174 $7.95

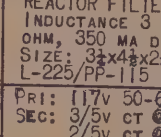


6 HY 80MA
P/O TG-10
SIZE:
2⅜x2x2
WT. 1⅜ LBS.
#27294
PRICE: $.89

CHOKE
10 HENRYS @
200 MA
135 OHMS
2000 VRMS 60 CYC
3⅛x3⅛x5 WT. 9LB
BENDIX#L217380-1
PRICE:$3.95

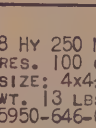


10 HY 150 MA
RES. 100 OHM
TEST 3000 V.
SIZE3½x4½x3
WT: 7 LBS.
3C323-6Z20
$1.95



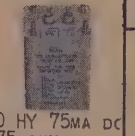
PRI: 220/230/240v
50-60 CYC
SEC. 2.5v CT @ 10A
5⅜x3⅛x3⅜ WT. 6LBS
5950-648-4773
PRICE: $2.95

PRI: 200, 220, 240
VOLTS 50 CPS
SEC: 5VCT @ 20 AMP
4½x5½x7 18 LBS.
#5950-645-3811
$6.95



8 HY 250 MA
RES. 100 OHMS
SIZE: 4x4½x6
WT. 13 LBS.
5950-646-0775
$4.95

3.5 HY 500 MA
100 V. 60 CYC
30 OHMS 715WV
4x5½x3⅜;10 LBS
TF|A04KA/A8649
$2.95



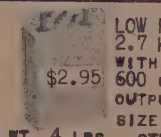
10 HY 75MA DC
375 OHMS
1070 MV
2x2⅜x1⅜; 1⅛LB
TF|A04EA
$0.89

8HY 300 MA
RESISTANCE 90Ω
OIL FILLED
WT. 7.5 LBS.
SIZE: 8x3⅜x4½
3340-310-190-04
$5.95

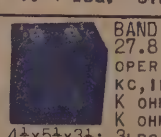
3-5 HY
500 MA
28 OHMS
5x4x4; 9½LB
KS-8572
3C|987-72
$4.95

5.0 HY AT 10
60 CYC 400 M
RES: 50 OHM
SIZE: 6x4½x4
WT. 13 LBS.
#3521746

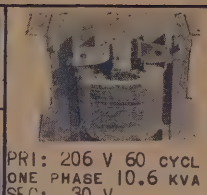
10 HY 225MA
85 OHM
3½x5½x5
WT. 11 LBS.
#TF|RX04YY
$3.95



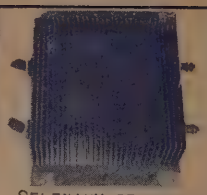
LOW PASS FILTER
2.7 KC CUTOFF
WITH BALANCED
600 OHM IMPUT AND
OUTPUT IMPEDANCE.
SIZE: 1½x5½x3½
WT. 4 LBS. STK 3Z1892-1.2



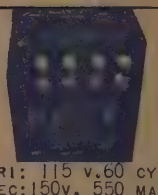
BAND PASS FILTER
27.8 TO 30.8 KC,.
OPER. FREQ. 29.3
KC, INPUT IMP. 200
K OHMS OUTPUT 100
K OHMS.2Z4376.28
4½x5½x3½; 3LBS. $2.95



PRI: 206 V 60 CYCL
ONE PHASE 10.6 KVA
SEC: 30 V
@ 115 VOLT PRIMARY
SECONDARY 16 VOLT
SIZE: 14x11x11
WT: 150 LB.#ACME
2649 $32.95



SELENIUM RECTIFIER
HALF OF FULL WAVE
(FOR USE W/TRANS. T
LEFT) SIZE 12x16x6
WT: 28LB. $8.95 EA.
TWO FOR $15.00



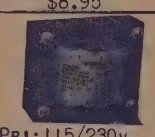
PRI: 115 v.60 CYC
SEC:150v. 550 MA
150v. 2.0 AMP
5.0v 5.0 "
6½x6½x4½; 28 LBS.
5950- $6.95
5950-481-3482
$6.95

PRI:105/115/125
50-60 CYC
SEC: [illegible]
IND. INPUT FILTER
1430 WV
5x6⅜x4½; 20 LBS.
5950-647-6816
$8.95

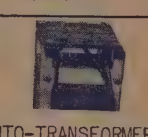
SOLD OUT

PRI: 115 v. 60 CYC
.25 KV INSULA-
SEC: 8.5 v. 54 AMP
OR 7.5 v. 48 "
OR 7.5 v. 32 "
SIZE:6x7½x9; 50 LBS
#3340-296-879
$14.95

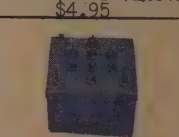
PRI:117.5v 60CYC
SEC:525VCT|25 MA.
6.3v 6.3 A.
5.0v 2.0 A.
4x5x5; 15 LBS.
JEFFERSOND-12A646
$4.95



PRI:115/230v
50/60 CYC
SEC:444VCT 97 MA.
6.5VCT 3.2 A.
12.4v 390 MA.
4x4x3⅜; 8 LBS.
5950-376-9600
$3.95

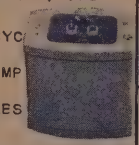


AUTO-TRANSFORMER
INPUT 100 VOLT 60
3 AMP. OUTPUT 270/
290/310/350 VOLT
1.25 AMPS.
SIZE:6x8x4⅜; 23 LB
RCA#90|508 CNM3082
$7.95

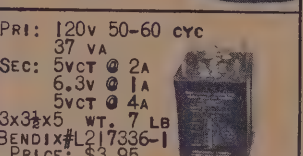


PRI: 115 V 60 CYC
SEC: 2.65v 3.5 A
2.65v 3.5 A
6.3v 3.5 A
SIZE:3⅜x5x3½: 8LB
#BNJT-166
$2.50

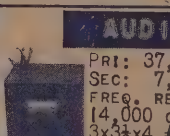
PRI: 220, 230, 240
SEC: 14v @ 5A
20v @ 5A
4x4½x5½ WT. 12 LB
CS8779A $5.95



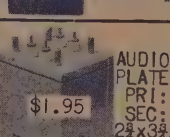
PRI: 115 v 60CYC
.065 KVA
SEC: 5.0 v 13 AMP
# 7467147
5x5x4 WT. 12 LBS
$3.95



PRI: 120v 50-60 CYC
37 VA
SEC: 5VCT @ 2A
6.3v @ 1A
5VCT @ 4A
3x3½x5 WT. 7 LB
BENDIX#L217336-1
PRICE: $3.95

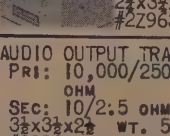


AUDIO
PRI: 37,000 OHMS
SEC: 7,400 OHMS
FREQ. RES. 250-
14,000 CPS. 6 LBS.
3x3½x4 #REL 12196
$1.95

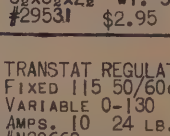


$1.95

AUDIO FREQUENCY
PLATE COUPLING
PRI: 30 OHMS
SEC: 3000 OHMS
2⅝x3⅜x5 WT. 6 LB
#Z29632.197

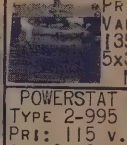


AUDIO OUTPUT TRANSFO
PRI: 10,000/2500
OHM
SEC: 10/2.5 OHM
3⅜x3⅜x2⅛ WT. 5LB.
#29531 $2.95

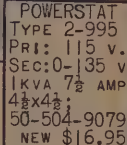


TRANSTAT REGULATOR
FIXED 115 50/60cy
VARIABLE 0-130
AMPS. 10 24 LB.
#N30668 NO DIAL
$19.95

PRI:120v. 60CYC
SEC:4.5VCT 4 A.
3½x3½x2½; 1½ LB
2Z9611.409 $1.95



PRI: 115v 50/60CPS
VARIABLE OUTPUT 30-
135v 250 MA.
5x3x4 WT. 9LBS.
NEW $4.95



POWERSTAT
TYPE 2-995
PRI: 115 v.
SEC:0-135 v
1KVA 7½ AMP
4½x4½;
50-504-9079
NEW $16.95

GR TYPE M-2 VARIAC, 115 v. 350-1200 CYC. PRI. SEC. 0-135 v. 3 PHASE, 2 AMP. #M2G354 UNUSED $14.95

GR TYPE 60-AG3S7 VARIAC, PRI: 115 v. 400 CYC.3 PHASE 2100VA, SEC: 0-135v.$22.95

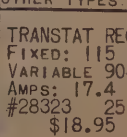
GR TYPE M-5/8173093 VARIAC PRI; 115 v. 3 PHASE, 400:CY 3 PHASE, SEC: 0-135 v. 5AMP UNUSED $19.95

POWERSTAT G-1160-3, PRI: 120 v. 60 CYC. 3 PHASE,SEC: 0-140 v 7.5 AMP. USED $30.00

POWERSTAT 1126-1013, MOTOR DRIVEN 115 v. 50/60 CYCLE PRI: 115 v. SEC: 0-135 v. 15 AMP. 2 KVA. NEW $75.00

SUPERIOR#MKS|5|33LO1, VARIABLE, PRI. 30v 400 CYC, SEC. 0-30 v. 5AMP. N $1.95

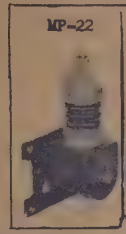
OTHER TYPES IN STOCK,WRITE.

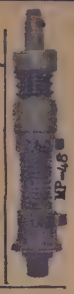


TRANSTAT REGULATOR
FIXED: 115 50/60CYC
VARIABLE 90-130
AMPS: 17.4
#28323 25 LBS.
$18.95

# ANTENNAS

Mast Bases



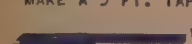



Mast Sections

3 ft. Tubular steel, cooper coated and painted sections. These screw together to make any desired length. MS-49 being the top & smallest section increasing in size through MS-50-51-52-53 to MS-54 being the larger one. Either the MS-53 or MS-54 will fit together to form any additional heighth desired. Example a 33 ft. vertical may consist of one each MS-49, 50,51,52, and 7 each of MS-53 or it may be finished out on the bottom with 6 MS-54 sections. Self support to about 18ft. Average Wt.app. 3/4lbs. MS-49-50-51-52-53 .50¢ea. MS-54 .75ea

MP-22 SIDE MOUNT SWIVEL MAST BASE WILL TIP TO 90° EITHER RIGHT OR LEFT. HAS A SPRING SNAP LOCK IN THE VERTICAL POSITION, WILL TAKE EITHER THE MS-53 OR MS-54 MAST SECTIONS. SIZE MTG. PLATE 5"x6"x 10⅛" HIGH. WT. 9 LBS. PRICE.....$4.95

MP-22A SAME AS ABOVE EXCEPT MOUNTING HOLE IS FOR THE MS-51 WITH THE MS-49,MS-50 AND MS-51. THIS WILL MAKE A 9 FT. TAPERED ANTENNA. PRICE...$4.75

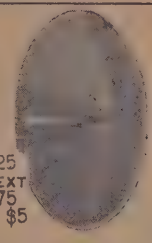


WHIP ANTENNA 7' EXTENDED, 15 IN. COLLASPED #CC1-51048 2 LBS $1.00

CU-168 ANTENNA COUPLER; PROVIDES MEANS FOR OPERATING 5 RECEIVERS FROM ONE ANT. UNBALANCED LINE INPUT NOM. INPEDANCE 70 OHMS ON OUTPUT ALSO. FREQ. RANGE 2 - 32 MC. EACH COUPLING CIRCUIT HAS 4/12AU7 TUBES. POWER REQ. 115v.50-400cy. RACK MTG. 19x8¾; WITH TUBES, UG-21 COAX. CONN. & MANUAL. WT;75LBS. UNUSED $29.95

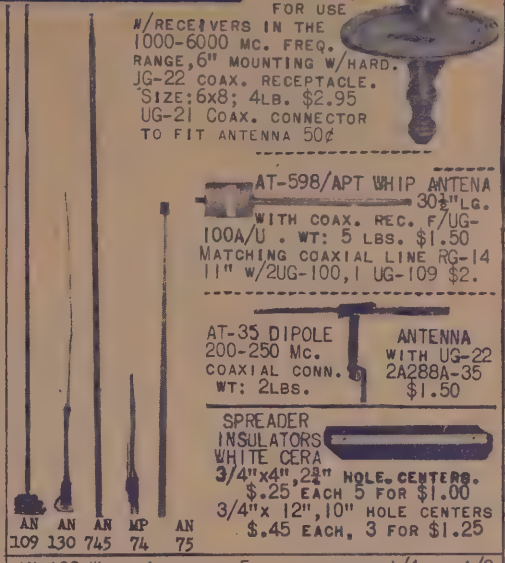
## PARABOLIC ANTENNA

DISH PAN TYPE, FOUR (4) FOOT DIAMETER ALUMINUM PAINTED GREY, 21" FEED FOR APPROX. 7100 MC. THREE INCH ROUND MTG. FOR WAVE GUIDE SIZE 1-5/16 x 5/8, FOUR (4) MOUNTING STUDS WITH HARDWARE.
PHILCO#463-2252-1. SHPG. WT. IN CRATE 225
PRICE: $29.95 DEFROST ATTACHMENT $5.00 EXT
LESS FEED SHIPPED IN CARTON WT. 75 LBS. SLIGHTLY DENTED $15.00 FEED $5

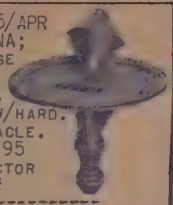


## REFLECTORS

MICROWAVE, PLANE TYPE CONFIGURATION, ALUMINUM, NOT PERFORATED. MOUNTED BY FRAME WORK OF REFLECTOR AND BRACKETS WITH HARDWARE, GUYS AND ADJUSTMENT FOR AZIMUTH. SIZE: 8 FOOT x 6 FOOT, NET WT. 125 LBS. SHPG. WT. 375. PRICE: $50.00




AS-125/APR ANTENNA; FOR USE W/RECEIVERS IN THE 1000-6000 MC. FREQ. RANGE, 6" MOUNTING W/HARD. JG-22 COAX. RECEPTACLE. SIZE:6x8; 4LB. $2.95
UG-21 COAX. CONNECTOR TO FIT ANTENNA 50¢



AT-598/APT WHIP ANTENA 30½"LG. WITH COAX. REC. F/UG-100A/U . WT: 5 LBS. $1.50
MATCHING COAXIAL LINE RG-14 11" W/2UG-100,1 UG-109 $2.

AT-35 DIPOLE 200-250 MC. COAXIAL CONN. WT: 2LBS. ANTENNA WITH UG-22 2A288A-35 $1.50

SPREADER INSULATORS WHITE CERA 3/4"x4",2½" HOLE CENTERS. $.25 EACH 5 FOR $1.00
3/4"x 12",10" HOLE CENTERS $.45 EACH, 3 FOR $1.25

AN-109 WHIP ANTENNA; 5 FT. TAPERED 1/4 TO 1/8
PRICES: $1.50 EACH SIX (6) FOR $3.00

AN-117 WHIP ANTENNA; 6 FT. TAPERED 5/8 TO 1/8
PRICES: $1.50 EACH SIX (6) FOR $3.00

TRANSMITTING LEAD-IN INSULATOR,15" LG. THREADED ROD W/CONE INSULATORS 2/x2x1 EA. END, 8" ADJUSTABLE INS. BETWEEN CONES.#4238,2LB $1.00

AN-745 TELESCOPING WHIP 8 FT. TAPER 5/8-1/8
PRICE: $1.00 EACH SIX (6) FOR $4.00

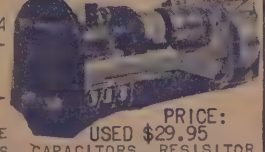
AN-130 GOOSENECK WHIP 30", SCREW BASE FITS INSULATOR LISTED BELOW.
PRICE: $1.00 EACH SIX (6) FOR $ 4.00

AN-20T CHROME TELESCOPING 20"
PRICE: $.50 EACH SIX (6) FOR $2.00

2A-124 ALUMINUM ROD 3/8"x 6 FT. NO TAPER
PRICE: .75 EACH SIX (6) FOR $3.00

MX-138A TARGET CORNER REFLECTOR FOR RAFT RESCUE. CONSISTS OF A CUBE & 6 ARMS 28" LG.12 REFLECTING FABRIC TRIANGLE ATTACHED TO ARMS & FACE OF CUBE. ADAPTER IS PROVIDED FOR ATTACHING TO OAR SHIPPED FOLDED, WT: 2½ LBS. $4.95

ANTENNA COUPLER FOR REMOTE OPERATION. RANGE APPROX. 2 TO 24 MC. 200 WATTS. MOTORIZED VARIABLE VACUUM CAPACITOR 300 MMF. 7500 VOLTS. ALSO ROTARY INDUCTOR, SERVO MOTORS, FAN, 10 PLATE TYPE RELAYS, SWITCHES, CAPACITORS, RESISITOR TUBES 4/5727,2/5670,3/6201 ETC. SIZE:24x7x8: WTL 25 LBS. #5821-658-3692



PRICE: USED $29.95

LP-21LM LOOP ANTENNA USED FOR AIRCRAFT RADIO COMPASS 200-1500 KC. CONTAINS CK-2 MOTOR AND MC-507 AUTOSYN COMPENSATOR THAT OPERATE FROM 26 V. 400 CYC. USED IN CONJUCTION WITH I-81 OR I-82 INDICATORS SHOWN ON PAGE 30 OF CATALOG. WILL ALSO WORK ON 60 CYC BUT NOT AS ACCURATE. SIZE:20x16x10: WT: 15 LBS. PRICE: USED $9.95 PL-112-108 SET $4.00

AS-69/APT 535-700 MC. TWO CROSS DIPOLES BENT DOWNWARD TOWARDS A SCREEN REFLECTOR (REFLECTOR NOT SUPPLIED) ¼ WAVE TRANS. ¼ WAVE PHASING. TAKES UG-21 CONN. 6" MOUNTING, 9½"Hx8"D. 8LB. $9.95

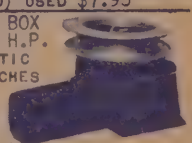
MN-20 MANUAL ROTATABLE LOOP ANTENNA, USED AS A DIRECTION FINDING ANTENNA IN THE 150 TO 1500 KC FREQ. RANGE WITH MN-26 & RA-10 RECEIVERS OR ANY OTHER TYPE IN THIS RANGE USED $2.95 UNUSED $3.95

MN-52 AZIMUTH CONTROL BOX W/0-360 DEG. DIAL, LIGHT & CRANK USED WITH MC-124 FLEXIBLE SHAFT THAT IS CONNECTED TO THE LOOP AND WHEN CRANK IS TURNED LOOP TURN UNUSED $2.95

MC-124 FLEXIBLE SHAFT FOR USE WITH LOOP AND CONTROL BOX, 5½ FT. $1.95
EACH EXTRA FT. 25¢ SPECIFY/SHIP CLOSIE

CABLE FOE ANTENNA LEADIN 5 WIRE SHIELDE WITH PLUG TO FIT LOOP OTHER END BARE WIRE 8 FT. LG. #AC58267 $1.95

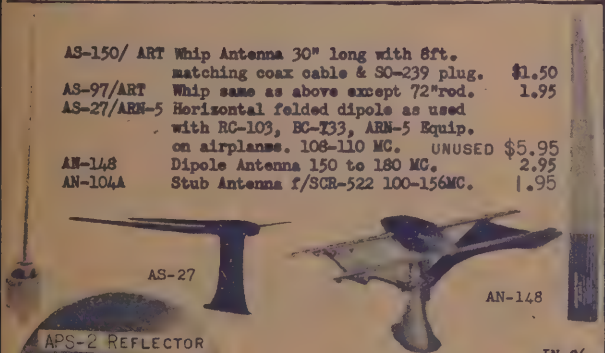
AS-313/ARN-6 LOOP ANTENNA WITH MOTOR AND AUTOSYN TRANSMITTER. USED WITH ARN-6 RADIO COMPASS THAT TUNES FROM 200 TO 1750 KC, OPERATES FROM 26 VOLT 400 CYCLE SIZE:10x11x5; WT: 15 LBS. PRICE:(AS ILLUSTRATED) USED $7.95

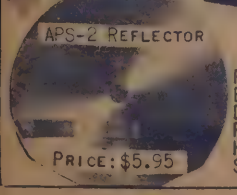


RL-42 REEL MOTOR GEAR BOX 24 VOLT D.C MOTOR 1/8 H.P. REVERSIBLE WITH MAGNETIC CLUTCH AND LIMIT SWITCHES USED IN AIRCRAFT FOR LETTING OUT AND REELING IN ANTENNA WIRE. SIZE:12x4½x4½; WT: 10 LBS.
PRICES. MOTOR & GEAR BOX ONLY USED $7.95
MC-235 REEL BOBBIN " " 1.50
MOTOR ONLY NEW 7.50

A-27 PHANTOM ANTENNA USED W/ BC-653/191 100 W. TRANSMITTERS FOR TUNING & LOADING. CONTAINS 0-150 MMF, WIDE SPACED 3/16" VARIABL COND. & 2/12 OHM 40 W. NON-INDUCTIVE RES. IN METAL BOX W/KNOB & 0-100 SCALE. WT: 3 LBS. 3½x7x4½; PRICE: USED $1.95 RE-NEW $2.95

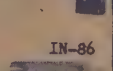
| | | |
|---|---|---|
| AS-150/ ART | Whip Antenna 30" long with 8ft. matching coax cable & SO-239 plug. | $1.50 |
| AS-97/ART | Whip same as above except 72"rod. | 1.95 |
| AS-27/ARN-5 | Horizontal folded dipole as used with RC-103, BC-733, ARN-5 Equip. on airplanes. 108-110 MC. UNUSED | $5.95 |
| AN-148 | Dipole Antenna 150 to 180 MC. | 2.95 |
| AN-104A | Stub Antenna f/SCR-522 100-156MC. | 1.95 |




PRICE:$5.95

POLISHED SPUN ALUMINUM. BAND CAN BE REMOVED. DIAMETER 29" x 27" FOCAL LENGTH 5" HOLE DIAMETER 2¾" SHPG. WEIGHT 6 LBS.

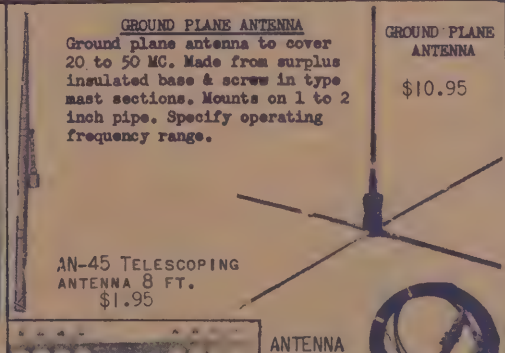



STRAIN INSULATOR Size 1x3 4 for $1.

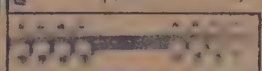
GROUND PLANE ANTENNA

Ground plane antenna to cover 20 to 50 MC. Made from surplus insulated base & screw in type mast sections. Mounts on 1 to 2 inch pipe. Specify operating frequency range.

GROUND PLANE ANTENNA $10.95

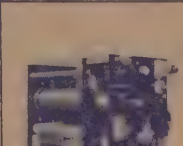


AN-45 TELESCOPING ANTENNA 8 FT. $1.95



INSULATOR TERMINAL STRIP 8 feed thru insulators size ½ x 1, mounted on 1 x 9 terminal strip. Each strip $.35 Four strips $1.00

ANTENNA PHOSPHOR BRONZE #16 1 CONDUCTOR WITH 2 SNAPS & SLIDE CONNECTOR, INSULATED.
AN-22 " 20 " .65



AERIAL MATCHING UNIT NO. C1 ZA/CAN 9268. FREQ. RANGE 2 TO 8 MC. 50 TO 100 WATT, DEPENDING ON FREQ. CONTAINS VAIABLE CAPACITOR, TWO VARIABLE INDUCTANCE TUNERS, COUNTERS FOR PA TUNE AND ANTENNA TUNE. ALSO 1½" "VU" METER ETC SIZE:8x5x10; WT: 8 LBS.
PRICE: USED $18.95

WITH COVER

NEON LIGHTING ARRESTOR HI-POWER 4 for $1

SMALL ANTENNA INSULATORS
Insulating material made of polestyrene
Size 1½x½ Mtg.hole 3/4" Receptacle size 3/8x24 TH. STOCK # 2Z3021-227
Fits ANT. AN-130,131,
Size 7/8x½ MTG.hole 5/8" Receptacle size ¼ x 20.TH. Fits any of the UHF Rods Stock # 2Z3062-237
Specify type each $.75

# CABLES

## NEW COAXIAL CABLE

NEW MANUFACTURE AND BRANDED WITH STANDARD TYPE NUMBERS TO MIL-R-17A SPECIFICATIONS.

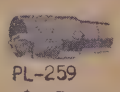
PRICES LISTED FOR LENGTHS INDICATED, IN-BETWEEN LENGTHS USE THE HIGHER PRICE. LESS THAN 100 FEET ADD 10% TO HIGHEST PRICE

| | | 100 FEET | 500 FEET | 1000 FEET | 5000 FEET |
|---|---|---|---|---|---|
| RG-8/U | 52 OHM | .12 | .11 | .10½ | .10 |
| RG-11/U | 75 OHM | .14 | .13 | .12 | .11 |
| RG-58/U | 53½ " | .05½ | .05¼ | .05 | .04½ |
| RG-59/U | 73 " | .07 | .06½ | .06 | .05½ |

PRICES ARE PER FOOT

## NEW COAXIAL CONNECTORS

SO-239 $.45 EA. 10 OR MORE $.39 EA.



PL-259 $.45 EA. 10 OR MORE $.39 EA.

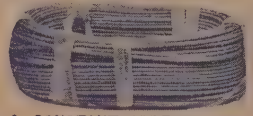
M-359 $.49 EA. 10 OR MORE $.45 EA.

PL-258 JUNCTION $.89 EA. 10 OR MORE $.80 EA.

TYPES MAYBE ASSORTED TO OBTAIN THE LOW PRICE

## Coaxial Cable FOR LESS THAN 3c Per Foot!

**RG-54 A/U CABLE–**



DESIGNED FOR LONG LIFE & CONSTANT ATTENUATION 58 OHMS, .250 OD. WITH POLYETHYLENE JACKET.

370 FOOT ROLL $10.00 70 FOOT ROLL $ 1.95

LESS THAN SPECIFIED LENGTHS .03 PER FOOT

## COAX CABLE ASSY.

| TYPE | OHMS | LENGTH | CONNECTOR | STOCK# | PRICE |
|---|---|---|---|---|---|
| RG-9B/U. | 51 | 25 FT. | 2/UG-21 | GEP19 | $2.25 |
| RG-58/U | 53 | 26FT | UG-88/2 | GEP19 | 1.50 |
| RG-22/U | 95 | 40FT | PL/284 | CD-879 | .75 |
| RG-22/U | 95 | 46½FT | PL-284 | CD-878 | .80 |
| RG-22/U | 95 | 50FT | PL-284 | CD-877 | 1.00 |
| RG-62/U | 93 | 22FT | 2/UG-88 | CG-1410 | .75 |
| RG-62/U | 93 | 35FT | 2/UG-88 | CG-1410 | 1.00 |
| RG-62/U | 93 | 130FT | 2/UG-88 | CG-1410 | 1.95 |

## CABLES FOR SETS

| CABLE # | PLUG # | LENGTH | USED WITH | PRICE |
|---|---|---|---|---|
| 3E7243-2 | GK12-23½ | 52 IN. | TCS/REC-PS | $2.75 |
| 3E7273-19 | SKC16-23½ | 29 IN. | TCS/TRS-PS | 2.75 |
| CD-515 | | 48 IN. | BC-669 | 5.95 |
| CD-501 | F/BC-654 & PE-103 | | | 4.95 |
| CD-548 | 2EA PL118 | 9 FT. | TEST SET | 4.95 |
| CD-549 | 2/ PL-112 | 9 FT. | TEST SET | 4.95 |
| CD-526 | 2/ PL-153 | 5 FT. | 274 N SERIES | 4.95 |
| CD-532 | 2/ PL-152 | 5 FT. | " " | 2.75 |
| CD-509 | | 8 FT. | BC-659/620 | 2.75 |

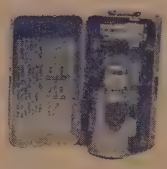
## COAX CONNETORS USED

| | | | | | | |
|---|---|---|---|---|---|---|
| UG-260/U | BNC | PLUG | USED | .20 EA. | 6 FOR | $1.00 |
| UG-290/U | " | RECPT. | " | .20 " | 6 " | 1.00 |
| UG-291/U | " | PANEL J | " | .25 " | 5 " | 1.00 |
| UG-88 /U | " | PLUG | " | .28 " | 6 " | 1.00 |
| SO-239 | UHF | CHASS | NEW | .45 " | 5 " | 2.00 |
| PL-259 | " | PLUG | " | .45 " | 5 " | 2.00 |
| M-359 | " | ELBOW | " | .49 " | 5 " | 2.25 |
| UG-21 | N | PLUG | USED | .59 | 2 " | 1.00 |
| UG-22 | " | PANEL | UUSED | .39 | 3 " | 1.00 |
| UG-23 | " | JACK | | .39 | 3 " | 1.00 |
| UG-29 | SPEC. BULK. | " | USED | .79 | 2 " | 1.50 |
| UG-100/U | LN | PLUG | " | .59 | 2 " | 1.00 |
| UG-100 | SPEC. | REC. CHAS. | " | .59 | 2 " | 1.00 |
| UG-109/U | LN | ST. AD. | " | .79 | 2 " | 1.50 |
| 10H/528 | ENG. | CHAS. REC | NEW | .59 | 2 " | 1.00 |
| 10H/702 | " | 90 DEG. | USED | .59 | 2 " | 1.00 |
| 10H/1366 | " | STRAIGHT | " | .59 | 2 " | 1.00 |
| UG-260/U BNC RG-71/U 5" TO BULKHEAD AD. N | | | | | | .39 |
| SAME AS ABOVE W/90DEG. UG " " " " N | | | | | | .39 |
| UG-260/U BNC RG-71/U 9" TO UG-291/U N | | | | | | .59 |
| UG-260B/U BNC " " 3" TO UG-262/U N | | | | | | .59 |

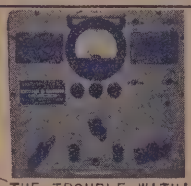
JACKSON MODEL 665-J-2 VOLT-OHM-MILLIAMMETER
RANGES: AC/DC VOLTS 0-3/15/30/150/300
DC MILLS 0-3/15/150/300/1500
OHMS X1 & X-100
LESS METER, WHICH WAS 4" SQ WITH SCALE 0-30 & 0-150.
SIZE: 8½x9x4½; WT: 5 LBS.
USED $3.95

## DUMMY LOAD

AN/URM-13 DUMMY LOAD FOR TRANSMITTER IN THE 100-400 MC RANGE 5 TO 20 WATTS.
DA-38/URM-13 DUMMY LOAD WITH UG-21 COAX. CONN. AND FOUR MAZADA 1476 LAMPS, FOUR EXTRA LAMPS AND 1 UG-83 ADAPTER THAT ADAPTS UG-21 TO PL-259, IN METAL BOX 2½x4½x2½; 1 LB.
PRICE: USED $2.95



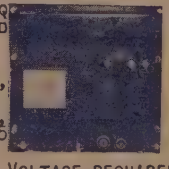
TS-238/TS-207 ECHO BOX WITH 200 DC MICROAMPERES METER 3" AND CRYSTAL ADAPTER FOR RF ENERGY. ECHO BOX IS A RESONANT-CAVITY DEVICE DESIGNED TO SIMPLIFY THE TUNING AND CHECKING OF RADAR BY PROVIDING A ARTIFICIAL OR "PHANTOM TARGET WHICH MAY BE USED IN USED IN TUNING THE RECEIVER TO THE TRANSMITTER IF NO REAL TARGETS ARE AVAIL.) PROVIDES A CLEAR, STEADY ECHO OF KNOWN CHARACTERISTICS WHEN SUCH AN ECH IS NOT OBTAINABLE FROM NEAR BY GROUND TARGETS.) REQUIRES UG-21 COAX. CONN.
SIZE: 11x15x7; WT: 15 LBS. PRICE: RE-NEW $15.00
UG-21 COAXIAL CONNECTOR FOR ABOVE UNIT. 75¢



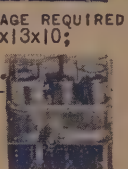
MA-1 RANGE SERVO TEST SET USED FOR TESTING AND TROUBLE SHOOTING AIR FORCE TYPE "A" SERIES RANGE SERVOS. SPECIFICALLY, THE TEST PROVIDES A MEANS OF MEASURING THE VARIOUS OPEATING VOLTAGES OF THE RANGE SERVO UNSER TEST AND LOCALIZING THE TROUBLE WITHIN A RADAR GUNSIGHT SYSTEM. CONTAINS 3½" 50 MICRO-AMP METER WITH 0-60 0-150 SCALES IN RED FOR ACV & 0-50/500 VDC SCALE IN BLK. SELECTOR SWITCHES, INDICATOR LIGHTS AND FOUR GORN CONNECTORS 12M & 12F WHICH ARE MALE & FEMALE 12 CONTACT ALSO CABLE WITH MATCHING DETACH PLUGS.
SIZE, 10½x10x7½ IN ALUMINUM CASE. WT; 18 LBS.
PRICE: RE-NEW $15.00

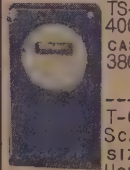
## IDENTIFICATION SET

RT-82/APX-6 RADAR INDENTIFICATION SET RECEIVER-TRANSMITTER COVERING RANGE OF 950-1150 MC. IF FREQ 59.5/1.5MC. (CAN BE CONVERTED TO 1215MC. QST FEB.'61 SETP. '60; 1296MC. QST JUNE '61). WITH (30) TUBES 6/6J6, 1/6AS6, 1/3E29, 3/6AL5, 1/5Y3, 2/3B24, 3/6AL5, 2/12AU7, 7/6AK5, 1/2C42, 1/2C46, 1/1B40, 1/1N-43, 1/1N-25 DIGIT COUNTERS ON TUNERS FOR TRANS-REC-LO FREQ. CONTROLS. VOLTAGE REQUIRED 24 AND 115 400/800 CYCLE. SIZE 13x13x10; WT: 45 LBS. $39.50
PRICES: USED $18.95 GOV'T RE-COND.



APX-6 R.F. HEAD A-403 P/O RF-29 WITH COUNTERS AND ANTENNA INPUT. USES TUBES 2C42, 2C46 & 1B40
8x8½x3; WT: 6 LB. $8.95





TS-328A/U FREQUENCY METER 400 CYCLE POCKET TYPE IN CASE W/TEST LEADS, 9 REEDS 380-420 CYCLE 3x6x4; 2LBS.
PRICE: USED $7.95

T-650 AC OUTPUT METER: SCALES 0-1.5/6/30/150
SIZE: [illegible] WT: 3 LBS.
USED SOLD OUT AS-IS $2.

## URC-4 TEST SET

TS-684/URM-30 ANALYZER FOR URC-4 RADIO SET, ALIGMENT AND TESTING CONTAINS 0-1 MA METER, METERING SWITCH, CRYSTAL OSCILLATOR, ANTENN CABLES ETC. IN METAL CARRING CASE.
SIZE: 6x6x4; WT: 4 LBS. NEW $8.95

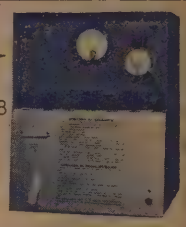
## BC-221 FREQ. METER

HIS IS A SIMPLE ACCURATE AND RELIABLE CRYSTAL CALIBRATED FREQUENCY INDICATING INSTRUMENT FOR USE IN THE 125 TO 20,000 Kc. RANGE, WITH A NORMAL OPERATING ACCURACY OF LESS THAN .02% CAN ALSO BE USED AS A SIGNAL GENERATOR OR VARIABLE FREQ. OSCILLATOR.
OPERATING VOLTAGE REQUIRED FOR DRY CELL OPERATION 6 VDC .9 AMP. & 135 VDC 20 MA.
SIZE: 10x13½x10; WT: 25 LBS.
UNITS MAY BE IN WOOD OR METAL CASES VARIOUS LETTERS, COMPLETE WITH TUBES, CRYSTAL, ORIGNAL CALIBRATION BOOK. USED SERVICEABLE $65.00
PRICE: USED CHECKED FOR OPERATION $79.50

BC-221 FREQUENCY METER LESS CALIBRATION BOOK NOT CHECKED FOR OPERATION, OTHERWISE COMPLETE
PRICE: $45.00

TS-175 FREQUENCY METER 85 TO 1000 MC, SAME TYPE AS BC-221, LESS CALIBRATION BOOK AND NOT OPERATING OTHERWISE COMPLETE.W/MODULATIO
SOLD OUT
PRICE: $50.00

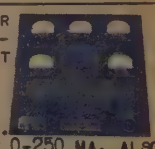
TS-170/ARN-5 TEST OSCILLATOR USED FOR PRE-FLIGHT CHECKING OF GLIDE PATH RECEIVERS SENSITIVITY AND AUDIC CHANNELS. CRYSTAL CONTROLLED ON THREE PRESELECTED FREQ. 332.6, 333.8 335 MC. MODULATION FREQ: 90 & 150 CYC. METER IS 2" 0-1 DC MILLIAMETER. BATTERIES REQUIRED 2/1.5 VDC AND 2/45 VDC. WT: 29 LBS.
SIZE: 12x16x12; USED $12.95



## RECEIVER

BC-229 RECEIVER A.M. T.R.F. 201 TO 398 KC AND 2500 TO 7700 KC BY USE OF PLUG IN COILS SUPPLIED WITH THE REC WITH SIX TUBES 1/37, 1/38 & 4/39. POWER REQUIRED FOR FILAMENTS 12 VOLTS, HIGH VOLTAGE APPROX 200 TO 250 VOLTS D.C @ 80 MA.
SIZE: 16x8x7; WT: 15 LBS.
PRICE: UNUSED WITH TUBES AND COILS $9.95
CONNECTOR PLUG (1) REQ. $1.50 TUNING KNOB $1
A.C. POWER SUPPLY 115 VOLT 60 CYCLE WITH SPEAKER CONNECTING CABLE & PLUG IN METAL CABINET, SWITCH & PILOT LIGHT..NEW $19.95

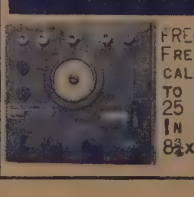
I-83 DYNAMOTOR TEST SET USED FOR CHECKING 14 VOLT OR 28 VOLT DYNAMOTORS. VARIABLE INPUT & OUTPUT CONTROLS ENABLE SIMULATION OF LOAD CONDITIONS. 3" METERS FOR MEASURING INPUT & OUTPUT VOLTS 0-35 VDC & 500 VDC RESPECTIVELY. INPUT CURRENT 0-10 AMPS, OUTPUT 0-250 MA. ALSO METER FOR MEASURING PERCENTAGE OF RIPPLE IN THE INPUT & OUTPUT. (THIS IS NOT A DC POWER SUPPLY ONLY A TEST UNIT) SIZE: 12½x12½x10½. WT 23
PRICE. USED $18.95
CONNECTOR, CABLE & TERMINAL STRIP.... $2.75



## 30 MC TRF RECEIVER

R-38C/MPN- RECEIVER 30 MC T.R.F. PULSE RECEPTION RADAR "S-X" WITH AFC AND GAIN CONTROLS ALSO TEST JACKS. 117 V. 60 CYCLE VOLTAGE REGULATED POWER SUPPLY. WITH TUBES 2/6SN7, 2/6V6, 1/884, 1/VII, 7/6AC7, 1/6H6, 2/5R4GY, 3/6B4G, 2/6SJ7, 2/VR-105, 1/VR-150. RACK MTG. 19"x8x20½; WT: 100 LBS.
PRICE: WITH TUBES $25.00

## FREQUENCY POWER METER



FREQUENCY POWER METER ME-51/UP FREQUENCY COUNTER 1100-3999 CALIBRATED TO FREQUENCY 3100MC TO 3500 MC. HAS 0-1.5 MA; 0-25 MW METER. WITH CABLES, IN METAL CARRYING CASE. 18 LBS. 8½x9½x9½
USED $15.00

## DYNAMOTOR TESTER

TS-414 DYNAMOTOR TESTER
This equipment provides a means of testing dynamotors of several types under load conditions. Provision is made for the measurement of input voltage, input current, output voltage, output current and output ripple voltage of both single and multiple output dynamotors. Meters; input D.C.V. ; input ADC volts RMS; DC output current; DC output volts
Power required: 14/28 VDC, 50 amps.
Size: 27x21½x17½; Wt. 100 lbs. $35.00

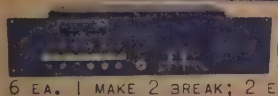
I-208 SIGNAL GENERATOR FM
Used as a stanard of voltage, frequency, and freq. deviation, for the test, alignment, calibration and sensitivity measurement of freq. modulated receivers. The Freq. range is 1.9 to 4.5 mc. & 19 to 45 mc. The freq. deviation can be adjusted from 0-5 kc each side of center for the low band and 0-50 kc for the high band. The freq. is controlled by a crystal calibrator with accuracy of .03 percent. Five modualtion freq. are available 150/400/1000/2500/5000 cycles also external mod. can be used. Output voltag up to 100,000 microvolts is deleveloped at the termination of 30 ohm line and is controlled & measured by a calibrated attenuator, multiplier and RF vacuum-tube voltmeter. Speaker & headphone jacks are available for monitoring. Tubes used 1/5U4G, 1/6AG7, 1/955, 1/6SQ7, 3/12SA7, 5/12SH7, 2/12A6, 1/DC-23 500 Kc. crystal. Operates from 115V 60 cycle or by use of a DM-64 Dynamotor from 12 vdc.
The calibrator and audio oscillator units are plug-in. The power supply is voltage regulated with output of 275 vdc @ 150 ma & 12v, it can be used to operate BC-923 Rec.
Size: 18x11½x10½; wt: 125 lbs.
Prices: With tubes and crystal used $29.75
" " " " " less " " " " " meter, speaker, good power supply "

I-208 MANUAL $5.00

## WIRE RECORDER

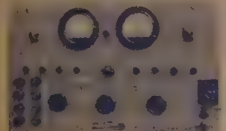
1C/VRW-7 SOUND RECORDER
Wire type, one input channel 600 ohm impedance, 290 R.P.M recording speed. Freq. response 300 - 3500 cps. Control in frony for microphone & sidetone. With 2/2807 tubes & MX-303A/ANQ-1 recording wire for 60 minutes. Voltage required 24-28 vdc. This is recorder only NO PLAY BACK.
Size: 12⅜x7½x6½; wt: 18 lbs. Price: used $9.95

## CONTROL PANEL



MR-160 OPERATORS CONTROL PANEL
Has eight telephone type lever switches, 6 ea. 1 make 2 break; 2 ea. 2 [illegible] off/4 make Six indicator lights, [illegible] phone jack. Standard [illegible] mounting, 4½" high & 8½" deep; wt: 12 lbs. Price: used $8.95

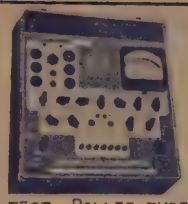
SOLD OUT



I-199 TEST SET
Dynamotor & Hand Generator tester used to check equipment under load conditions. Input voltage readings 0-60 volts DC & 60 amps. D.C. Output voltages 0-1200 volts D.C. & 600 ma. D.C. Also percentage of ripple in the input & output, all shown on 3" rd. meters also controls for varing voltage & current under load. Size; 18x12x11, wt: 40 lbs.
Price: used $29.50 New $39.50

## DATA MAPPING

RADAR CONSOLE DATA MAPPING UNIT A-1007/FSQ; 15" Cathode Ray tube display with 8032 image converter tube mounted in the goose-neck assy. over looking the CR tube, electric scanning and amplifier circuits with 12 KVDC and 1.5 KVDC power supplies. Mfg by IBM
For Bendix. Size 33x35x60; wt: 150, used $75



STARK TUBE CHECKER 9-66 or Dynamic mutual conductance type designed to provide either REPLACE-GOOD reading or mutual conductance value in microhms of vacuum tube used in receivers & transmitters. With provisions for locating shorts & leakage between elements also noise test. Roller type chart for tube settings. New charts can be obtained from mfg. when necessary.
Size: 18x17x8; wt: 45 lbs. Used $65 CHKD $75

## BOOSTER

G4M AMMUNITION BOOSTER ASSEMBLY; geared motor mounted in a "U" type frame with the shaft and sprockets inside the "U"; sprockets are 3½" dia. & 3½" apart. Motor operates from 24 volt 400 cyc 3 phase but by using 4 mfd. capacitor motor will operate from 24 v. 60 cyc at 20 rpm for sprockets, use of higher capacity will increase rpm and torque. (instructions furnished)
Outer frame of stainless steel easily removed
Motor & "U" frame size 7½x2⅝x5½; wt: 10 lbs.
GE#T-9160256-G4M unused $4.95

BC-604 TRANSMITTER
Freq. Range 20-27.9 MC Output approx. 30 watt. 10 crystal controlled channels. Freq. 54 time crystal frequency 12 Volt DC operation with DM-35 Dynamotor. 24 Volt DC operation with DM-37 dynamotor. Battery drain 20A. on 12 volt tube lineup; 1619 Doubler, 1619 Tripler, 1619 1st RF Amplifier, 1619 RF Rectifier, 1624 Power Amplifier.
Size: 18"Lx11½"Hx103/8"D. Wt: 60lbs.
less dynamotor. RE-NEW $9.95

FT-237 MOUNTING BASE RE-NEW $9.95

Shock Mount base to hold one BC-924 Transmitter and one or two BC-923 Receiver or, one BC-603 Receiver. Sockets on the base will make all of the necessary connections to the sets. Terminal block mounted on the base for remote control cable. Wt: 44lbs Size: 11 3/4" W x 1 3/4"H x 33 5/8"L.

I-61 TEST SET
FOR TRANSMISSION MEASURING

Portable battery operated unit used to measure losses or gains in circuits or apparatus. Audio oscillator frequencies of 500, 1000 and 2500 cycles with levels of -40dbm, -20 dbm or 0 dbm into a 600 ohm load, the receiving amplifier is calibrated to measure levels from a 600 ohm source between -50 dbm & 15 dbm in steps of 0.5 dbm over the frequency range of 100 to 10,000 cyc the 0 dbm is one milliwatt in 600 ohms.
Unit also contains a EE-8B Field Telephone, battery operated assy. with a TS-9 Handset. and be purchased without this assembly.
Comes in wood carring case 18½x10x11, wt: 47lb
Price, complete with telephone assy & TS-9
Used $29.95 RE-NEW $39.50
Less Tel. assy " 19.95 " " 29.50

MD-34/ARA-8
MODULATOR KEYING UNIT

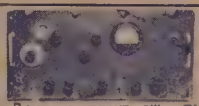
Automatic homing keying assy. that operates from 24 vdc motor that is connected to a worm gear which actuates the coded wheel that interrupts the signal and transfers from one antenna to another. Also has relay and three SO-239 type coax. conn. Can be used as a remote antenna change-over. Size: 3⅛x10x4½, wt: 5 lbs.
Price: used..... $1.95

TS-147B/UP MICROWAVE SIGNAL GENERATOR
Portable unit designed to test and adjust Radar, Beacon and Microwave communication systems operating in the frequency range of 8500 to 9600 MC. Provides either FM or CW test signals of known power level & frequency. This unit contains a direct reading freq. meter and power level meter which power referenced to one mil liwatt (DBM). Used to measure the freq. and power level of the input and output signals. Spectrum width, freq. change, recovery time and standing wave ratio. Can also be modulated externally. Operates from 115 volt 50-1600 cycles. Less cables, plugs, adapter, pick up horn. Size: 11½x18¾x12½; wt: 35 lbs. USED
TS-147A/UP Signal Generator $49.50
TS-147C/UP " " $75.00

M4A1 PERISCOPE WITH TELESCOPE

Two mirror type prisms in metal body with M77C Telescope 1.5 power w/coated optic, erect image and illuminated. Adjustment for elevation and depth.
Overall size 11x6½x1½; periscope size 5½x1; wt: 9 lbs.
Price: Complete unit $7.95
less telescope 4.95
Telescope only 4.95

MIRROR TYPE PRISM
(NOT SOLID GLASS)
(MAKE YOUR OWN PERISCOPE AS LONG AS YOU WANT)
Size: 6½x1½x2⅜; 2lb. $1.00



TS-13 SIGNAL GENERATOR
9305 to 9445 MC. per sec. with calibrated attenuator, wavemeter and a a thermistor measuring power circuit.
Sig. output CW, FM, pulsed carrier. Reception CW & pulsed carrier. PO 50 micro watts, out. imp. 50 ohms with tubes 3/6SN7, 2/6AC7, 1/6Y6, 1/723AB(2K25) 1/5U4G, 3/0C3/VR-105. Power required 115V 60 cycle. (write for more inform.)
Size: 11⅜x21x10½; wt: 75 lbs. Price: used $35

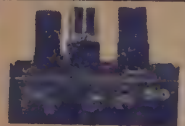
I-242 RADAR TEST SET designed to furnish a comparative indication of transmitter output and measure pulse recurrence rate. Consists of Dummy Load with 3" meter 0-50 MA with 0-100 scale. USED
Size 8x10x11; 14 lbs $6.95

## BALLATINE

BALLATINE ELECTRONIC VOLTMETER #300
Freq. range 10 to 150,000 cycles, voltage range one milivolt to 100 volt A.C. Input impedance 1 meg, accuracy 2% to 100 kc. 3% above. 4½" meter, five voltage ranges.
Size: 11x6x4½ wt: 14 lb $65.00

## CARRIER MONITOR

CARRIER MONITOR: When coupled to an antenna transmission line it provides direct current to a remote position which can be used as a indication of proper transmission. The output amplitude is proportional to the current flow in the transmission line.
Input impedance 600 ohm, output imp. 600 ohm. Output level - 3dbm for 100% mod. into 600 ohm line. With tubes 6X4, 6J6, 6AL5, V103. Voltage req. 115/230v 60 cyc. Output jacks and controls on front panel. Also 2 vacuum capacitors 3mmfd 15 kv and lead for connecting to 500 to 50K watt transmitter in the 2 to mc. range. Unit also has cover.
Size: 6x6x8½; 15 lbs. #1028017 unused $4.95



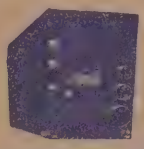
TS-32/TRC-1 TEST OSCILLATOR
used for alignment of R-19 FM receiver that operates in the 70-100 MC range. With tubes 6SN7, 6SL7 & 6SH7 switch for modualtion, carrier, SO-239 coax. connector crystal holder ¼" spacing and variable control for adj. freq. Requires fil. & high volt.
Size: 6x5x3⅜; 5 lbs. used $6.95

## RADAR SET

RT-39/APG-5 RECEIVER-TRANMITTER P/O APG-5 RADAR SET. FREQ. RANGE 2500 TO 2600 MC. POWER OUTPUT 0.5 KW, OPER. RANGE 200 TO 1800 YDS AGAINST AIRCRAFT 5000 YDS AGAINST SHIPS, REMOTE CONTROL, THIS UNIT SUPPLIES RF PULS TO ANT. AND FEEDS REC. ECHO TO RANGE UNIT. PULSE MODUALTED CRYSTAL MIXER. POWER REQ. 115V400 CYC AND 24 VDC. TUBES REQUIRED 1/2C43, 1/2C40, 1/3E29, 9/6AK5, 1/2X2, 1/5Y3, 1/VR-105, 1/1B27 AND 1/1N21. CONNECTOR PLUG $2.00
SIZE: CAN 16x10; WT: 25 LBS.
PRICE: WITH TUBES $39.50 LESS TUBES $20

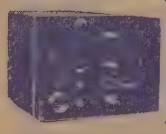
CP-8/APG-5 RANGE COMPUTER; USED W/ RT-39/APG-5 R/T LISTED ABOVE, RECEIVES VIDEO FROM R/T AND FURNISHES V PROPORTIONAL TO RANGE TO SERVO AMPLIFIER. POWER REQ. 115 V. 400 CYCLE AND 24 VDC. WITH TUBES 2/5Y3, 2/6AC7, 2/6SJ7, 3/6SL7, 5/6SN7, 1/6Y6, 1/884, 1/VR-105 & 1/VR-150. ALSO 24 VDC BLOWER.
SIZE: 16x10 CANNISTER COVER INCLUED. WT: 25 LBS. (DEMILITARIZED BUT NO EFFECTIVE DAMAGE.) $19.95
PLUG CONNECTORS $2.00 EA. 2 REQ.

AM-61/APG INDICATOR AMPLIFIER; USED WITH APG-5 AND APG-15 SYSTEM WITH ID-116 INDICATOR. POWER REQ. 115 V. 400 CYC. & 24 VDC. WITH TUBES 7/6SN7, 1/5Y3, 3/6SL7, 1/8016, 3/VR-105, ALSO 24 VDC BLOWER.
SIZE: 16x10 CANNISTER COVER INCL. WT: 25 LBS. $19.95
PLUGS $2.00 EA. 2 REQ.

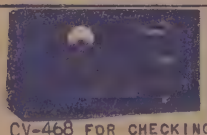


ID-93/APG-13 RADAR INDICATOR; GIVES TYPE M INDICATION, TYPE INDICATION WITH A STEP ADDED OF OUTPUT OF RT-39/APG-5 REC. TRANS. (DESCRIBED ABOVE). POWER REQ. 115v400 CYC AND 24 VDC. WITH TUBES 1/3BP1, 2/6H6, 6/6SN7, 1/5Y3 & 1/2X2. ALL CONTROLS ON FRONT PANEL, VERTICAL HORIZ., INTENSITY, ZERO SLOPE, MARKER AMPLIFIER REC. GAIN, YARDS RANGE, FOCUS ETC.
SIZE: 8x10x16; WT: 25 LBS. NEW $19.95
CONNECTOR PLUGS, 1 TO RT-39, 1 TO C-1 SIGHT AND 1 FOR INPUT POWER, EACH PLUG $2.00.

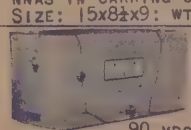
## RADAR JAMMER



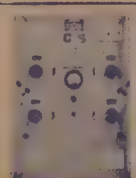
T-26/APT-2 RADAR TRANSMITTER; 500 TO 700 MC, RADIATES 5 WATT OF R.F ENERGY WHICH IS MODULATED BY A 931 MULTIPLIER (PHOTO) FOR NOISE GENERATOR, 3 MC CARRIER BAND WIDTH. POWER REQ. 115 V. 400 TO 2600 CYC. AND 24 VDC WITH TUBES 1/2X2, 2/5R4, 2/6AC7 1/6AG7, 2/368, 1/807, 1/931.
SIZE: 10½x8x20; WT: 50 LBS. UNUSED $19.95
CONNECTOR PLUG $2.00 ANTENNA PLUG $.59



CANADIAN PERFORMANCE TEST SET TYPE QE1740. PORTABLE UNIT FOR CHECKING SARAH BEACONS RB5S ETC. CONSISTS OF A RECEIVER USING TUBES 2/CV2361 AND TRANSMITTER CV-468 FOR CHECKING AT APPROX. 244 MC. WITH VARIABLE TUNING ON EITHIER SIDE. PHONE JACK FOR REC. BUT THE TRANS. IS FOR USE WITH A EXTERNAL CODING DEVICE WHIC IS NOT SUPPLIED. HAS 3½" 0-200 D.C MICROAMP. METER WITH METERING SWITCH FOR CHECKING VARIOUS CIRCUITS. POWER REQ. 90 & 420 VDC. WITH TUBES AND ANTENNAS IN CARRING CASE.
SIZE: 15x8½x9: WT: 10 LBS. PRICE: USED $9.95

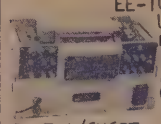


RT-35/AM RADIOSONDE TRANSMITTER- RECEIVER 675 TO 725 MC, USED FOR WEATHER AND RADAR OBSERVATION WITH 4/1L4 & 1/2C35 TUBES. VOLGATE REQ. 90 VDC & 1½VDC SIZE 3½x4½x10: WT: 5 LBS. PRICE: NEW $3.95

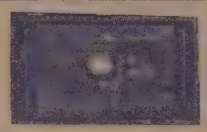


COLLINS 156B-4 ANTENNA COUPLER 225-400 MC, FOUR TUNEABLE CAVITIE FOR SETTING UP TRANSMITTER ON DIFERENT FREQ. FOUR JONES MICRO-MATCH CBAX. ADAPTERS. METER 2½" 0-200 MICROAMP. WITH SELECTOR SWITCH FOR MEASURING THE OUTPUT OF EACH CHANNEL SELECTED, METER SCALE 0-200 WATTS. POWER OUTPUT.
SIZE: 25x17x22; 50LBS. USED $50.00

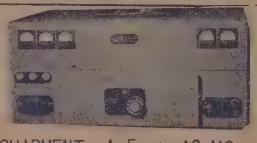
BD-62 SWITCHBOARD; HAS PROVISIONS FOR 1 TELEPHONE, 2 OUTPUT AND 8 MICROPHONE CIRCUITS WITH LEVER TYPE KEYS & DROPS AND PATCHING FACILITIES FOR ALL CIR.
SIZE: 32⅛x8½x8½; WT: 30 LBS. USED $9.95



EE-101 TELEPHONE RINGING EQUIPMENT USED FOR CONVERTING 20 CYCLE RINGING TO 1000/20 CYCLE ALSO 1000 CYCLE TO 20 CYCLE FOR OPERATING TEL. DROPS ON 2 CHANNELS. OPERATES FROM 115/230 V. 50/60 CYCLE OR 12 VDC. WITH TUBES 6/6SJ7, 1/6V6GT. 19x9 RACK MTG. SHIPPED IN WOOD CHEST 100 LBS. PRICE USED $9.95



TG-30 REPEATER, TELEGRAPH TERMINAL FOR TRANSMITTING OR RECEIVING ON A HALF DUPLEX ONE CHANNEL OPERATION. CAN BE USED TO INTERCONNECT NEUTRAL AND POLARENTIAL OR TWO PATH POLAR TELEGRAPH OR TEGETYPEWRITER SYSTEMS ON SIMPLEXED OR COMPOSITED RETURN CIRCUITS. SPEED 60/66. OPERATES FROM 115/230 V. 50/60 CYC & 115 VDC SHIPPED IN WOOD CHEST 25x16x14; 175 LBS
PRICE: USED $9.95 RE-NEW $16.95



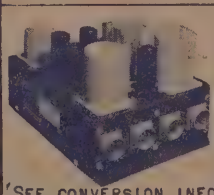
RC-263 TRANSMITTING EQUIPMENT; 1.5 TO 10 MC CRYSTAL CONTROL OR M.O. ON ANY 4 PRESELECTED CHANNELS WITH LOCAL OR REMOTE DIALING OF "ON" OR "OFF" CHANNEL SELECTION ETC. 75 WATT C.W 50 WATT PHONE. POWER REQ. 100 TO 260 V. 25-60 CYCLE FOR OPERATION OF THE BUILT IN POWER SUPPLY. THE BC-1100 TRANSMITTER CAN BE OPERATED REMOTELY AND COMES WITH TUBES 6/6L6, 3/807, 1/VR-150, 1/5Z3 & 2/RK-60. THE RM-40 CONSISTS OF AMPLIFIER W/LINE LEVEL METER, MICROPHONE CIR. SWITCHING AND PULSE DIAL CIRCUITS TO CONTROL THE TRANS. WHIC CAN BE DONE OVER TEL. LINES. WITH TUBES 2/6J5 & 1/80.
TRANS. SIZE; 18x40½x30; WT: 411 LBS.
REMOTE " 10x14x13½; WT: 50 LBS.
SPARE PARTS BOX CONTAINS THE OPERATING TUBES, SPARE TUBES 16 SAME AS USED IN EQUIP. 2 HAND TYPE CHROME, CARBON MICS. 100 OHM, 7 METERS, 8 RELAYS, 1 SWITCH, 25 RESISTORS, 20 CONDENSER 110 FUSES, 2 RECT. 2 RHEO. 2 POTS, 24 LAMPS ETC ALSO 2 MANUALS. SPARE PARTS BOX WEIGHT 72 LBS
PRICE: BC-1100, RM-40 & SPARE PARTS $195.00
WITH BC-1100 & RM-40 W/OPERATING TUBES $150
MANUAL BC-1100 W/OPERATING TUBES $125.00
RM-40 REMOTE CONTROL UNIT ONLY $35.00

USED $3.95

## PORTABLE REPEATER

EE-89 TELEPHONE REPEATER; PORTABLE BATTERY OPERATED, 2 WAY LINE UNIT, CAN BE USED AS TERM. OR INTERMEDIATE AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL. BATTERY VOLTAGE REQUIRED 1.5 & 90 VDC. IN WOOD CASE W/CARRING STRAP. SIZE; 6x9x8: WT: 12 LBS.

AMMUNITION FIRE CONTROL POWER DISTRIBUTION PANEL 171E608G1 & 519E147G1; TWO DIALS THREE GEAR CONTROL, 2 THREE DIGIT COUNTERS WITH MANUAL RESET AND HOLD 24 V OPERATION, 7 SWITCHES, TERMINAL STRIPS ETC.
SIZE: 11x11x5; WT: 15 LBS.
PRICE: USED $4.95



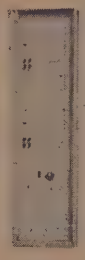
NAVY INTERPHONE AMPLIFIER USED WITH TCS EQUIPMENT. PUSH-PULL 2/12A6 TUBES, CARBON MIC. INPUT 75-200 OHM ALSO 600 OHM. OUTPUT 125 OHM. VOLTAGE REQUIRED 12 VDC & 250 VDC 60 MA. HAS MOUNTING FOR DYNAMOTOR 35x032, 12 VOLT.
(SEE CONVERSION INFORMATION LISTED BELOW.)
SIZE: 7⅛x10x7; WT: 15 LBS.
PRICE: AMPLIFIER WITH TUBES $2.95
" " " & DYN. 6.95
KIT FOR CONVERSION TO SPEAKER OUTPUT, APPROX 5 WATTS, INCLUDES OUTPUT TRANSFORMER, MIC & PHONE JACKS, SWITCH, CABLE AND PLUG FOR PLUGING INTO LIGHTER AND INSTRUCTIONS. $2.00

IM-120/UPM STANDING WAVE RATIO METER DESIGNED TO BE PLACED OVER 1⅝" WAVE GUIDE TO DETERMINE THE STANDING WAVE RATIO OF THE WAVEGUIDE TO THE ANTENNA SYSTEM. USED WITH DIRECTIONAL COUPLER CU-245/U BUT CAN BE ADAPTED TO OTHER SYSTEMS. UNIT HAS 6/1N25 CRYSTAL DIODES AND 3½" METER FOR INDICATION. ALSO INSTRUCTION MANUAL. THE CARRYING CASE IS ALUMINUM SEALED WATERPROOF AND IS OPTIONAL.
CASE SIZE 9x7x5½; WT: 10 LBS. NEW
PRICE: LESS CASE $11.50 WITH CASE $14.95

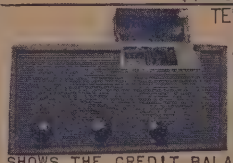
## READING PACER TIMER

READING PACER AND READING TIMER
THE READING PACER WILL TEST YOUR READING SPEED AND WILL HELP YOU INCREASE THIS SPEED WITH ITS USE. CONSISTS OF A BATTERY OPERATED INSTRUMENT WITH A VARIABLE SPEED WHICH CAN BE SET FOR 250 TO 650 WORDS PER MINUTE, WHEN THE PACER BAR IS PLACED IN POSITION IT WILL MOVE IN ACCORDANCE WITH THE SPEED SETTING. THE READING TIMER IS A SPRING WOUND MECHANICAL TYPE WITH STOP & GO CONTROL AND CAN BE SET FOR A GIVEN TIME UP TO 5 SECONDS OR CAN BE USED FOR ELAPSED TIME.
SIZE: 10⅛x1⅛x1⅛; T-2½ DIA. WT: 2LB. $4.95

DIVERSITY RECEIVER



AN/FRR-3 DIVERSITY RECEIVING EQUIP. USES TWO IDENTICIAL RECEIVERS OPERATING FROM TWO DIFFERENT ANTENNAS. THE OUTPUT IS THEN COUPLED TO GETHER TO SUPPLY A SIGNAL WITH REDUCED FADING EFFECTS. THE FREQ. COVERAGE IS 2.4 TO 23 MC. IN 5 BANDS AND CAN BE PRESET ON ANY ONE FREQ. IN EACH BAND A DIAL SYSTEM IS EMPLOYED FOR SELECTION OF THE DIFFERENT SERVICES. THE SYSTEM COMES IN A 7 FT. CABINET WITH DOOR FRONT & BACK AND CONTAINS THE A&B REC. MULTIPLIER UNIT, OSCILLATOR, REMOTE CONTROL, POWER CONTROL FILTER AND POWER SUPPLY UNITS.
TUBES REQUIRED 6/6J5, 5/6V6, 8/6SK7, 2/6SN7, 2/6SA7, 7/6AC7, 5/6H6, 3/6E5 & 2/5U4.
POWER REQ. 100-130/200-260 50/60 CYCLE.
SHPG. WT: APPROX 600 LBS. USED LESS TUBES $150.00



TELEMETER PROGRAM SELECTOR FOR PAY TELEVISION
CHOICE OF THREE PROGRAMS WITH PROVISIONS FOR DEPOSITING THE AMOUNT OF MONEY REQ. FOR EACH PROGRAM AS INDICATED ON THE COIN REGISTER WHICH ALSO SHOWS THE CREDIT BALANCE. THE PRE-RECORDED TAPE GIVES THE PROGRAM INFORMATION. (THE EXACT FREQ. OF THE SIGNAL CARRING THE VIDEO AND SOUND IS NOT KNOWN BUT IS THOUGHT TO BE ABOUT 35 MC. WITH A 8 MC. SIGNAL FOR TRIGGERING THE THE CONTROL MECHANISM. SIZE: 15x7x7; WT: 25 LBS THE ITEMS LISTED BELOW ARE PART OF THIS UNIT AND CAN BE PURCHSED SEPARATELY.
COMPLETE UNIT #1001/5 $9.95
CABINET ONLY; HIGH IMPACT PLASTIC, 3LBS. $2.25

REGISTER MECHANISM FROM T.V TELEMETER PROGRAM SELECTOR, SHOWN ON PAGE 24 OF REGULAR CATALOG. CONTAINS 2 ACTUATING PLATE SELENIODS 300 & 1200 OHM, 1 5 RPM 115 V. 60 CYCLE SYNCHRONOUS MOTOR, 1 115v 60 OPEN FRAME MOTOR GEARED, CONTACTS, GEARS, LIGHTS ETC. #TELE-REG. 1001
SIZE: 7x5x6; WT: 5 LBS. A GOOD BUY FOR $4.95

TAPE MAGAZINE ¼" CONTINUOUS REEL APPROX. 66 FT. WITH RECORDING HEAD TENSION ROLLERS. UNIT WAS USED WITH THE REGISTER MECHANISM WHICH TURNED AT 20 RPM. CAN ALSO BE USED AT OTHER SPEEDS IF PROPERLY COUPLED. PART OF THE COIN COLLECTOR FOR THE TV TELEMETER UNIT. #TAPE MAG. 1001
SIZE: 4x6½x3: 2 LBS. PRICE: $2.95

TELEMETER TV CHASSIS #334 WITH TUBES 1/6BE6, 3/6U8A 1/12BH7 & 1/6BA8A, 4" SPEAKER, PLATE RELAYS 1 3000 OHM COIL SPDT & SPST NORM. CLOSED, 1 3000 OHM 2PST NORM. OPEN. THE R.F. SECTION IS APPROX. 8 MC. WITH CRYSTAL OF 8135.

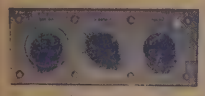
THE 115 VOLT 60 CYC. POWERSUPPLY IS 150 VDC 100 MA. AND 6.3 3A. CHASSIS SIZE 10½ L. x 6 DEEP x 6 HIGH WITH SPEAKER. WT: 10 LBS.
# TELE-CHASS. 1001 $5.95

# Control Boxes Filters Indicators Tuning Units Amplifiers

## VACUUM CAPACITOR

VACUUM CAPACITOR 3 MMFD 15 KVDC, PLUS OR MINUS 10% W/ CONNECTORS. SIZE 5/8x4;8oz. JENNINGS TYPE Y-3 $1.50

WESTERN ELECTRIC No. 8047 50 MMF, 5 KV, 5 AMP. SIZE: 1¾x1½; 4 oz. u/wBC442 $2.50

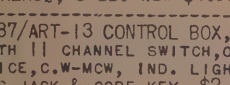


CONTROL PANEL CERAMIC ROTARY SWITCHES LOCAL/REMOTE 3 CIR. 5 POS. CHANNEL, 50 [illegible] DOT DIMMER. SIZE 6½x2[illegible], 1LB. $1.25 RDZ-H-307 SOLD OUT

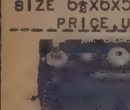
TELECORD REMOTE CONTROL 3 NEON IND. 2 SPST PUSH SW W/25' 7 COND. CORD. 3x2x5½; 5 LB. NEW $4.95

C-87/ART-13 CONTROL BOX, WITH 11 CHANNEL SWITCH, OFF, VOICE, C.W-MCW, IND. LIGHT, MIC JACK & CODE KEY. $2.95

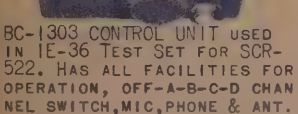
C-626/ARC-27 CONTROL BOX. AUTOMATIC CHANNEL SELECTOR PRESET MECH. W/ 24 V. DC MOTOR, RELAYS, GEARS ETC. SIZE 6½x6x5; WT: 13 LBS. PRICE, USED $4.95



BC-1303 CONTROL UNIT USED IN IE-36 TEST SET FOR SCR-522. HAS ALL FACILITIES FOR OPERATION, OFF-A-B-C-D CHANNEL SWITCH, MIC, PHONE & ANT. JACKS, TRANS, REC & REMOTE SW. & PL-170 RECEPTACLE. $3.95



VERNIER DIAL 6" 0-100 SCALE ADJUSTABLE STOPS 5 POS. USED IN TAJ TRANS. 4 LB. $2.75



BC-1366 BC-335

C-4/ARN-7 RADIO COMPASS CONTROL BOX USED W/R-5,5A ARN-7, THREE BANDS 200-1750 2" TUNING METER & GRAIN OF WHEAT LAMPS. TAKES MC-124 CONTROL SHAFT. USED $3.95

FT-224 MOUNTING FOR C-4 BOX WITH TERMINAL STRIP & PLUG USED $1.50

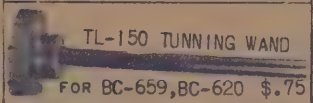
**BC-1366 CONTROL BOX CONSIS CONSISTS OF 5 POSITION ROTARY SWITCH, VOLUME CONTROL & MICROPHONE & PHONE JACKS PRICE: $1.00**

BC-606 CONTROL BOX; USED WITH BC-603/604, HAS PHONE & MIC. JACK, SPST SW. VOL. CONTROL, TERM. STRIP ETC. 4x4x2; 1 LB. $1.00

## Beam Filter

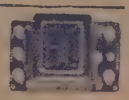
NAVY TYPE 16F2150 1020 CYCLE ACCEPT OR REJECT W/PL-55 PLUG ON CORD. PRICE: NEW $2.25

FL-8 AIRFORCE TYPE SAME AS ABOVE LESS PL-55 $2.50



TL-150 TUNNING WAND FOR BC-659, BC-620 $.75

SIDE BAND Loading Coil C-114 - $1.50



PHONE PATCH TRANSFORMER C-161 - $1.50

HORN

AIRCRAFT HORN SIGNAL WARNING EMERGENCY. TYPE J-1 PART# 71918 24 VOLT DC. 4"x1¾" 1LB. PRICE: $1.50

LAMP WITH REFLECTOR, BRACKET & TILT MERCURY SWITCH: WITH 12 VOLT BULB. USED FOR TRUNK LIGHT WHEN LID IS RAISED LIGHT LIGTHS. ALSO MANY OTHER USES. REFLECTOR 1¾x2½" #6210-702-8113 59¢ 2 FOR $1

FLASHER POSITION LIGHT, PERIODIC AIRCRAFT TYPE C-2, CONTAINS 2 FLASHER G-107 BALLAST TUBE, 24 VDC RELAY DPDT, COND, RES SIZE: 4x4x4; WT: 2 LBS. USED PRICE: $1.00 EA. 2/$1.50

ID-30/APS-2 SCOPE INDICATOR 5FP7 CATHODE RAY TUBE WITH CONTROLS & CABLES FOR MOUNTING. SIZE: 14x8½x6½; WT: 14 LBS. PRICE: $6.95 SOLD OUT

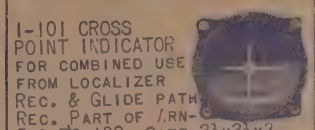
BC-1152 SCOPE INDICATOR 3" CATHODE RAY TUBE 3HP7, 1/6H6. CONTROLS FOR CENTERING HOR. VERT. AZIM. INTENS. FOCUS & SCALE ILLUM. CABLES WITH 3 PL-259 COAX. CONN. H.V PLUG. & CONTROL PLUG. SIZE: 14x5x5; WT: 10 LBS. PRICE: USED $4.95

C-30/ARC-5 BC-451 BC-136/2

C-30/ARC-5 CONTROL BOX with 7 push button switches marked A, B, C, D, OFF, 1&2. Also tone, CW & voice switch & connectors. Price....$1.00

BC-451 CONTROL BOX with switches tone-CW-voice, on-off, 1/2/3/4 also code key, mic & phone jacks.

BC-136-2 Control unit with mic & phone jacks, volume control & two binding post. $.35 each Four for $1.00



I-101 CROSS POINT INDICATOR FOR COMBINED USE FROM LOCALIZER REC. & GLIDE PATH REC. PART OF ARN-5 & RC-103. SIZE 3½x3½x3 WT: 3LBS. USED $1.95

CAMERA LIGHT FILTER GRAY COLOR 50% TRANS. SCREW IN MOUNTING. 2-23/32 69MM DIA. WRATTEN DENSITY .30 FOR WOLLENSAK TYPE V254 MM F4.5 35 MM P/O PH330G CAMERA 8A1101-50.4 $1.95

## CONNECTORS

PL-58 AND JK-37 THREE PRONG PLUG AND JACK. PLUG IS KEYED TO PREVENT INSERTING PLUG BACKWARDS. 2x3x1½ EACH $.59 PAIR 1.00

CONNECTOR PLUGS 15 CONTACT SIZE: 2¾x1½x½ PER PAIR $1.50 P-601

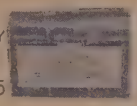
18 CONTACTS 2½x2½x1 P-2802 PER PAIR $2.00

35 CONTACT CONNECTOR MALE#621905 FEMALE#407375 SIZE 2¾x1 NO COVER $1.50PR.

15 CONTACT, POLARIZED 3 LARGE CONT. SIZE 1½x¾. AMP #26-150 F/CHASS. #151 W/CO USED $1.50

NICKEL CADIUM BATTERY 1.2 VOLT RECHARGEABLE APPROX. 4 AMP HOUR SIZE: ½x2x6; WT: 6 Oz. BB-403 $2.50

PB-208/AMT RADIOSONDE DRY CHARGE BATTERIES, 4 IN A VACUUM PACKED CAN, ONE 6v 2½HR THRU 30 OHMS, 3 36v EA. 3A HR. THRU 1200 OHM. EA. BATT. SIZE 1-5/16x29/32x4-5/32; WT. EA. BATT. 4½ OZ. Battery Pack (4) .59



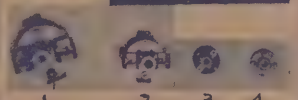
N-T-6 PLASTIC STORAGE BATTERY DRY CHARGE 6 VOLT 4 AMP 3½x 2½x2; LB $3.95 SOLD OUT

BB 54

WILLARD PLASTIC STORAGE BATTERY 2 VOLT 28 AMP. HOUR NON-SPILLABLE, BALL INDICATOR DRY CHARGE, ADD ELECTROLYTE SIZE 4x5x3; WT: 4LB. $2.95

AUTOTUNE HEAD FOR ATC/ART-13 TRANSMITTERS. MULTITURN UNIT WITH DIAL 0-100, KNOB, REVOLUTION COUNTER, LOCKING DEVICE FOR PRESETTING. CONTROL "B". Col#23518 PRICE: $1.95

## FLEXIBLE COUPLING



1 2 3 4

CERAMIC INSULATED FLEXIBLE COUPLING FOR 13,500 VOLT FLASHOVER. 2 5/8"x2 3/8" FOR 1/4" TO 3/8" SHAFTS. COUN001 EA. $.50

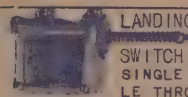
METAL FLEXIBLE COUPLING 2" X 1¾" FOR 1/4" TO 3/8" SHAF COUN002 EA. $ .40

INSULATED FLEXIBLE COUPLING 1"x¾" FOR ¼" SHAFT. COUN003 $ .25

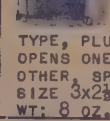
JOHNSON CERAMIC COUPLING 2x2 F/¼" SHAFT #COUN006 59¢ 2 FOR$1

METAL FLEXIBLE COUPLING FIT ¼" TO 3/8" SHAFTS. 1" DIA. 1½" LONG. COUN005 $ .25

PRESSURE TRANSDUCER TYPE M-1 TOSS BOMB COMPUTER ELECTRIC TYPE DUAL DIAPH. HIGH LOW CONN. PITOT & STATIC LINES. SIZE 6x3x4; WT: 3 LBS. STK#1280-568-6013 $3.95



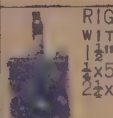
LANDING GEAR SWITCH ASSEMBLY, SINGLE POLE DOUBLE THROW, PLUNGER TYPE, PLUNGER IS DEPRESSED OPENS ONE CONTACT, CLOSES OTHER, SPRING RETURN. SIZE 3x2½x1½, PLUNGER 2¼. WT: 8 OZ. PRICE: $.50



DICTOGRAPH SWITCH BOX LEVER SWITCH 3 POSITION OFF-LISTEN-TALK, 2 INDICATOR LIGHTS, 6 POSITION WAFER SWITCH, 5 FT. 14 COND. CABLE, WOOD CASE WALNUT FINISH. 2x4½x3 3 LBS. #DICT. 95083 $3.95

REMOTE CONTROL BOX 3 SPST SWITCHES, 2 EA. MIC & PHONE JACKS ALL WATERPROOF, 1 DUAL POT. ETC. SIZE 5½x5½x3 WT: 3LBS. #CMX23366A NEW 75¢

K-14 GUNSIGHT LENSES IN FRAME EACH LENSE 2" DIAMETER, APPROX 3 POWER. WT: 1 LB. $1.00



RIGHT ANGLE DRIVE WITH SPIN KNOB AND 1¾" DIAL INDICATOR. ¼x5/16 SPLINE SHAFT. 2¾x1⅞x1½; #9922 $1

VERNIER DIAL 2½" 100 TO 0 SCALE. TAKES ¼" SHAFT. PRICE: $1.50

ID-14/APN-1 RADIO ALTITUDE METER, 3" SCALE 0-6 MA MOVEMENT. CAN BE USED AS A BASIC METER MOVEMENT AND CHANGE SCALE AS DESIRED. PRICE: USED $1.50

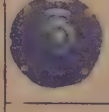
BC-347 AIRCRAFT INTERPHONE AMPLIFIER

Used in small planes for speaking. Has two ouncer transformers Carbon mivrophone input & standard headset output. Requires 12 Or 24 volt & 250VDC. Uses 6P8G tube. Size 3x2x5 WT 3lbs. With tube $1.95 Less tube $1.25

CONTROL JUNCTION BOX No 3 WITH CHROME PUSHBUTTON & BUZZER THAT WILL OPERATE FROM 6-12 VDC ALSO OTHER PARTS. SIZE: 4½x5x2½; 2LBS. #PC-75523 79¢ 2 FOR $1.50

PPI RADAR SYNCHRONIZER OFFSET CHASSIS ASSY WITH TUBES 2/6AT6 1/6100, 1/6096 1/6101, CERAMIC SOCKETS, 5 TEST PIN JAC PRECISION RES. COND, TRANS, SIZE 7½x5x3 4 LBS. STK. NO. 1013 $1.50

FREE FIRING BOX CONTCINS 2 RELAY 6 V. 2PST NORM. OPEN, 3 CAPACITORS 2 MFD. 600 VDC, 3MFD. 120 V. 400 CYC, 2x5 400 VDC, W/ SCHEMATIC AND SHOCK MOUNTING. CHASSIS SIZE 8x5x2½ WITH COVER 8x5 x6;, WT: 10 LBS. $1.95



VERNIER DIAL 6" 2 SCALES WITH LOCK. USED ON TAJ TRANSMITTER MO TUNING. 5 LBS. $3.50

## VIBRATORS

VB-16/6,12 OR 24 VOLT FOR PE-237 $3.95

TYPES LISTED BELOW $1.95 EACH

VB-1/6VOLT FOR PE-117 PE-97 & PE-237 SAME AS VB-7

VS-3/6VOLT FOR PE-104 SAME AS MALL-5500

G534/12 VOLT FOR PE-110

VB-8/2 VOLT FOR PE-157

VB-9/6 VOLT FOR PE-157

VB-11/24 VOLT FOR PE-12

VB-12/6 VOLT FOR PE-120

VB-13/12 VOLT FOR PE-12

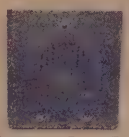
TS-279 DUMMY ANTENNA LOAD

Three inch pyrex feed thru insulator, 1000 ohm 100 watt resistor with two test lead & clips. Inset size 3 x 6 x 4". Can be used for a chassis. Stock # TS-279

Price $1.95 SOLD OUT

# MINIMUM ORDER $3.00

# POWER SUPPLIES

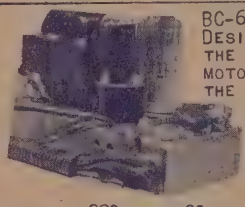


RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS

| | | |
|---|---|---|
| R-23/ARC-5 | BC-453 | BC-342 |
| R-24/ARC-5 | BC-454 | BC-344 |
| R-25/ARC-5 | BC-455 | BC-348 |
| R-26/ARC-5 | BC-946 | BC-429 |
| R-27/ARC-5 | RAX | |

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED. CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SECIFY FOR WHAT SET.
SIZE: 10x10x6; WT: 15 LBS. No. P.S(SET NUMB.)
PRICE; KIT OF PARTS $17.00 WIRED $19.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT $20.00; WIRED $23.95



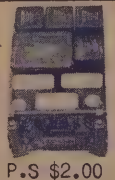
BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB
OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS.
No. P.S.603/683 KIT $10.00 WIRED $14.95

## BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC.
SIZE: 5½x6½x9½; WT: 15 LBS.
PRICE #PS-923 $22.95

## R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3
SIZE: 5½x6½x9½; WT: 14 LBS. (LAYOUT SAME AS 923)
PRICE $22.95

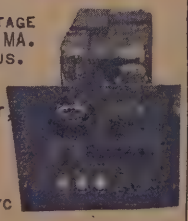


POWER SUPPLY No. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.
SIZE: 10x7x15; WT:
PRICE: $19.95
CABLE WITH 18 CONTACT PLUG TO FIT P.S $2.00

POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS.
SIZE: 11½x10½x6 $18.95
CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT $2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC [illegible] A. INPUT 115 VOLT 60 [illegible] WITH 2/5R4GY TUBES.
SIZE: [illegible]; WT: 35 LBS.
[illegible] $14.95
CONNECTOR 18 CONTACT $2.00

SOLD OUT



PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST, METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS.
SIZE: 10x8x20; WT: 35 LBS.
No. COVER OR PLUG IN RELAY.
POWER REQUIRED 115 VOLT 60 CYC
PRICE: USED $14.95

# DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6½x13; WT: 17
STK#PS-12/24VDC6A
KIT OF PARTS...$20.00
WIRED COMPLETE.... 24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS.
SIZE: 5½x9½x5; WT: 20 LBS.
STK#PS-12VDC6A
KIT OF PARTS...$14.00
WIRED COMPLETE.... 18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS.
SIZE: 5½x9½x5; WT: 12 LBS.
STK#PS-24VDC4A
COMPLETE WIRED..$17.95
KIT OF PARTS.... 13.00

OUTPUT 12/14 VOLTS DC @ 4 AMPS.
SIZE: 5½x9½x5; WT:
STK#PS-12VDC4A
COMPLETE WIRED..$14.95
KIT OF PARTS.... 10.00

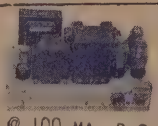
OUTPUT 24/28 VOLTS DC @ 1½ A.
SIZE: 7x6x5; WT: 6 LBS.
#PS-24VDC1.5A WIRED..$10.95
KIT OF PARTS $8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP
SIZE: 7x6x5 WT: 7 LBS.
#PS-12VDC2A WIRED...$9.95
KIT OF PARTS..... 7.00

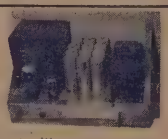
## MOBILE SUPPLY

AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATO (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED
SIZE: 7½x7½x7½; WT: 12LBS. $4.95

RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x1[illegible] WT. 30 LBS.
USED $12.00



VOLTAGE REGULATED POWER SUPPLY AS USED TS-67 TEST SET, OPERATES FROM 115 V. 60 CYCLE, OUTPUT 150 VDC & 20 MA & -30 VDC @ 40 MA. AND 6.3 VAC @ 5 AMP. (TRANSFORMER RATING IS 700 VOLT C.T @ 100 MA. P.S. CAN BE RE-WIRED FOR HIGHER OUTPUT) WITH TUBES 1/5Y3, 1/6X5, 2/VR-150, 2/6G6
SIZE: 12x7x7; 26 LBS. USED $8.95
CONNECTOR PLUGS, 2 REQ. $1.00 EA.



RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U. INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G.
RACK PANEL MTG. SIZE: 19x10½x10; WT: 100 LBS
PRICE: RE-NEW .....$24.95

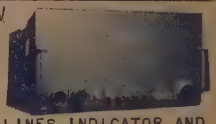
PE-110D POWER SUPPLY FOR BC 669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYCL OUTPUT 520 VDC @ 420 MA. 275 VDC VDC @ 64 MA. AND 13.6 VAC @ 4.6 AMP. WITH 4 TUBES 5Z3, RESET CIRCUIT BREAKERS A.C OUTLETS AND POWER OUPUT PLUG. AN OPTIONAL ITEM IS THE 12 VDC POWER PACK VIBRATOR TYPE WITH A OUTPUT OF 275 VDC @ 64 MA. THAT WAS USED FOR RECEIVER STANDBY AND PLUGS IN ON THE CHASSIS.
SIZE: 20½x9½x12; WT: 100 LBS. UNUSED
PE-110D POWER SUPPLY WITH 12v. PACK $30.00

PE-110B POWER SUPPLY SAME AS ABOVE ONLY DOES NOT HAVE CIRCUIT BREAKERS, HAS FUSED CIRCUITS. SIZE: 14x9x12; WT: 75 LBS. USED
PE-110B P.S LESS 12 V. POWER NOT AVAILABLE
CD-515 CABLE FOR PE-110 $5.95

## RECTIFIER 12 VDC

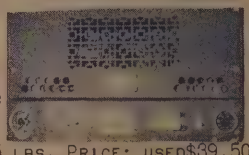
RECTIFIER POWER UNIT 12 VDC 20 AMP CONTIUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3½" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS. BRACKETS FOR WALL MTG.
SIZE: 12½x17x11; WT: 70 LBS. NEW
NAVY#6130-542-6140; MOD. #S20-GS12VN $45.00

SCM-603601 VOLTAGE REGULATED 24 VOLT D.C 3 AMP. POWER SUPPLY FOR RACK PANEL MOUNTING. LINE REG. 1%, LOAD 5%. THREE CAPACITORS 37,500 MFD 35 VDC, SILICON RECT.
SIZE: 19½x6½x7½; WT: 20 LBS. NEW $19.95

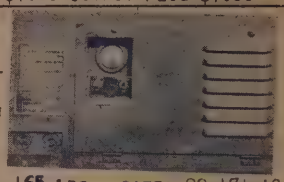


PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSED LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL.
SIZE: 9½x16x12½; WT: 85 LBS. USED $22.50

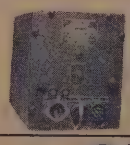
TS-147 REGULATED POWER SUPPLY IN CASE WITH FRONT PANEL AND SOME PARTS. POWER SUPPLY 115 V. 60 CYC. OUTPUT 300 V. 36 MA, 6.3 @ 1½A 6.3 @ 1.7A WITH TUBES 5R4 6Y6, 6SH7 AND 2/0B2.
CASE SIZE: 18½x12x11; WT: 35 LBS.
PRICE: WITH TUBES AND 2½" MILLIWATT METER $15
" " " NO METER $11.95



RA-62 POWER SUPPLY. FOR SCR-522 RECEIVER-TRANSMITTER. INPUT VOLTAGE 115/230 VOLT 60 CYCLE OUTPUT 300 VDC 230 MA. -150 VDC 8 MA & 13 VDC 3.9 AMP. WITH TUBES 2/5U4 & 1/6X5.
SIZE: 16x11½x11; WT: 75 LBS. PRICE: USED $39.50
AC LINE PLUG ONLY $1.50 OUTPUT PLUG $1.50



RA-43-B RECTIFIER TUBE TYPE OUTPUT 115V 525W DC; INPUT 95-125v, 50-60CYC AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO C6J, NOT INCL. WT. 165 LBS. SIZE: 22x17½x10
PRICE: $24.95 USED



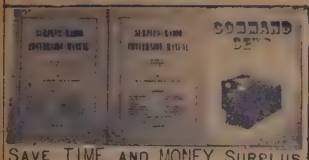
RBM CCT-20086 RECTIFIER POWER SUPPLY. INPUT 115 V. 60 CYCLE OUTPUT 12 V. 60 CYC 2.9 AMP. AN & 205 V.D.C. 76 MA. 5U4G RECT.
SIZE: 8x9½x13½; WT: 20LB.
PRICE: USED $12.95
P-2003 CONNECTOR PLUG....$1.50

SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/1Z2 TUBE, TERMINAL STRIP RESISTORS ETC.
SIZE: 6x7x5; WT: 5 LBS.
GE ASSY#7608055 $2.95

PP-115/TRC-8 POWER SUPPLY 115/230 VOLT 60 CYCLE INPUT, OUTPUT 550 VDC @ 350 MA AND 6.3 VAC 6 AMPS. ALSO 115 V. BLOWER APPROX. 100 CFM, MICROPHONE TRANS. LINE TRANS. DAVEN ATTENUATOR, DUAL CIRCUIT BREAKERS, PHONE & MIC JACKS ETC.
SIZE: 12x8x14; WT: 55 LBS.
PRICE: RE-NEW $19.95

CMD-20ACH-1 POWER SUPPLY; INPUT 115/230 VOLT 60 CYCLE OUTPUT 350 VDC @ 200 MA AND REGULATED 150 VDC 30 MA. TWO WINDINGS 6.3 V & 5 VOLT. WITH TUBES 2/5R4GY, 1/6X5GT, 1/VR-105 AND 3/6SN7.
SIZE: 15½x12½x10; WT: 40 LBS. UNUSED $19.95

# BOOKS



SAVE TIME AND MONEY SURPLUS CONVERSION MANUALS ARE A MUST FOR BEGINNERS AND ARE A BIG HELP TO THE OLD HAM.

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 1

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 2 $3.50

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 3 $3.50

SURPLUS CONVERSION HANDBOOK INCL. COMMAND SETS CQ $3.00

CQ SURPLUS SCHEMATICS HANDBOOK. $2.50

CQ ANTHOLOGY CONVERSION THE BEST OF CQ45-52 $3.00

THE SURPLUS HANDBOOK $3.50

VOL.I RECEIVERS-TRANSMITTER

FOR LIST OF CONTENTS FOR THE ABOVE BOOKS SEND $.25

## ARRL BOOKS

| | |
|---|---|
| Radio Amateur Handbook | $4.00 |
| Mobile Manual | 2.50 |
| Single Sideband | 2.00 |
| Hints & Kinks | 1.00 |
| A Radio Course in Radio Fundamentals | 1.00 |
| How To Become A Radio Amateur | 1.00 |
| Operating an Amateur Radio Station | .25 |
| CQ Mobile Handbook | $2.95 |
| Radiotelephone License Manual. (Study Guide) | $5.75 |

# MANUALS

## RADIO SET MANUALS

$3.00 EACH · $5.00 EACH

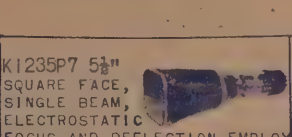
| | |
|---|---|
| BC-191 | AN/ARN-6 |
| BC-229/230 | AN/ARQ-5 |
| BC-312/342 | AN/GRC-3-8 |
| BC-603/604 | AN/GRC-9 |
| BC-620 | AN/GRC-26 |
| BC-652/653 | AN/TRC-1 |
| BC-659 | BC-221 AH |
| BC-683/684 | BC-610 |
| I-208 | TS-175 |
| BC-1000 | S-36 |
| R-48/TRC-8 | ART-13 $10.00 |
| BC-1335 | TCS-7-12 $12.00 |
| BC-223 | |
| BC-375 | OTHER MANUALS |
| I-176 | AVAILABLE |

## SCHEMATICS $1.00 EACH.

| | | |
|---|---|---|
| BC-929 | BC-229 | BC-230 |
| BC-191 | BC-224 | BC-312 |
| BC-375 | BC-456 | BC-457 |
| BC-458 | BC-459 | BC-603 |
| BC-604 | BC-624 | BC-625 |
| BC-652 | BC-653 | BC-654 |
| BC-659 | BC-683 | BC-684 |
| BC-696 | BC-733 | BC-779 |
| BC-923 | BC-924 | BC-1000 |
| BC-1203 | BC-1306 | ID-80/API7 |
| RTI/APN2 ARB | | R-77/ARC-3 |
| R-4/ARR2 TBY | | AM913/TRC |
| RAX-1 | RAX-2 | RAX-3 |
| FMR-13V | RA-105 | R-48/TRC-8 |

RADIO FREQUENCY POWER AMPLIFIER OR OSCILLATOR..... PLATE MODULATED RADIO FREQUENCY AMPLIFIER..... AUDIO FREQUENCY POWER AMPLIFIER OR MODULATOR

PRICE: NEW $12.95 2/$25.00



K1235P7 5⅛" SQUARE FACE, SINGLE BEAM, ELECTROSTATIC FOCUS AND DEFLECTION EMPLOYING A SINGLE POST-ACCELERATOR BAND. FLOURESCENCE/BLUE, PHOSPHORESCENCE/YELLOW, PERSISTENCE/LONG. LENGTH 17½, BASE, MEDIUM SHELL 12P. SPEC'S AVAILABLE WITH PURCHASE OF THIS TUBE, OTHERWISE 50¢) K1235P7 $10.00

| | | |
|---|---|---|
| Z4535P2/GE#7742513P1 | 7" ROUND FLAT FACE | 5.00 |
| 16STR4A | 16" | 5.00 |
| Z4516P11 | 16" RECT. | 5.00 |
| 19DXPSC | 19" | 25.00 |
| 21AWP4 | 21" TV/BW | 5.00 |

| | | | |
|---|---|---|---|
| 3BP1 | $ 5.95 | 5BP1 | $6.95 |
| 3DP1 | 4.95 | 5CP7 | 7.95 |
| 3FP7 | 2.95 | 5LP1 | 5.95 |
| 3HP7 | 1.95 | 5UP1 | 7.95 |
| 7CP1 | 5.95 | 5FP14 | 5.95 |
| 7BP7 | 8.95 | 5HP1 | 5.95 |

OTHER TYPES IN STOCK. WRITE

CATHODE RAY TUBE SHIELDS CRTS#1 FRONT SEC. 3⅛x3⅛, BACK 2½x4½, WT: 1½ LB. $1.95

CRT#4-3515 FRONT SEC. 3⅛ TO 2½, 4" BACK THEN 5" WITH CLAMP OVERALL 9" 2LB. $2.75

## MAGNETRON TUBES

| | | | | |
|---|---|---|---|---|
| 706C | 3038 MC | 206 KW | $4.95 |
| 2J29 | 2925 " | 300 KW | 4.95 |
| 2J51 | 8500 " | 100 KW | 6.95 |
| 718 | 2895 " | 206 KW | 3.95 |
| 2J32 | 2800 " | 250 KW | 4.95 |
| 2J26 | 3007 MC | 300 KW | 4.95 |

# TUBES

MANY OTHER TUBES IN STOCK. TELL US OF YOUR NEEDS.

| | | | | | |
|---|---|---|---|---|---|
| 0A2 | 1C5 | 1LA4 | 1T4 | 3Q4 | |
| 0A3 | 1C6 | 1LC5 | 1T5 | 3Q5 | ALL |
| 0B2 | | 1LC6 | 1U4 | 3S4 | 75¢ |
| 0C3 | 1D8 | 1LD5 | 1U5 | 3V4 | TUBES |
| 0D3 | 1E5 | | 1V2 | | MAYBE |
| 0Y4 | 1E7 | 1LF3 | 1V | 5A6 | NEW |
| | 1G4 | 1LN5 | 3A3 | 5R4 | OR |
| 1A3 | 1G6 | 1N5 | 3A4 | 5T4 | USED |
| 1A4 | 1H4 | 1N6 | 3A5 | 5X4 | BUT |
| 1A6 | 1H5 | 1Q5 | 3B4 | 5Y3 | GUARA- |
| 1B3 | 1H6 | 1R4 | 3B7 | 5Z4 | NTEED |
| 1B4 | 1J6 | 1R5 | 3D6 | 5Z4 | |
| 1B5 | 1L4 | 1S5 | 3E4 | 75¢ EACH | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7A4 | 7A8 | 7AG7 | 7B4 | 7B8 | 7C4 | | |
| 7C5 | | 7C7 | 7E5 | 7E6 | 7E7 | | |
| 7F7 | 7S7 | 7W7 | | | 7Z4 | 75¢ | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 24 | 26 | 27 | 30 | 31 | 33 |
| | 35 | 36 | 37 | 38 | 39 | | 41 |
| 42 | 43 | 44 | 45 | 46 | 47 | | 51 |
| 53 | | 56 | 57 | 58 | 59 | | 71 |
| 72 | | 75 | 76 | 77 | 78 | 79 | 80 |
| 83 | 85 | 89 | | | 75¢ EACH | | |

| | | | |
|---|---|---|---|
| 1B22 | .75 | 316 | .75 |
| 1B23 | .75 | 705 | .75 |
| 1B26 | .75 | 717 | .75 |
| 1B32 | .75 | 829B | 7.00 |
| 1B36 | 1.50. | 801 | .75 |
| | | 807 | 1.50 |
| 2A3 | .75 | 808 | .75 |
| 2A6 | .75 | 814 | 3.00 |
| 2A7 | .75 | 815 | 3.00 |
| 2B22 | .75 | 832 | 7.95 |
| 2B23 | .75 | 838 | 3.00 |
| 2C22 | .75 | 841 | .75 |
| 2C26 | .75 | 843 | .75 |
| 2C44 | .75 | 864 | .75 |
| 2C51 | 1.50 | 1616 | .75 |
| 2E24 | 2.00 | 1619 | .75 |
| 2E32 | 1.50 | 1624 | .75 |
| 2J417 | 8.00 | 1625 | .75 |
| 3B21 | 1.50 | 1626 | .75 |
| 3B24 | 1.50 | 1631 | .75 |
| 3C22 | 2.50 | 1632 | .75 |
| 3C33 | 2.50 | 1641 | .75 |
| 3D21 | 1.50 | | |

ALL OF THE SIX VOLT TUBES LISTED BELOW ARE 75¢ EACH BOXED, UNBOXED OR USED ALL GUARANTEED

6B7 6A6 6A8 6C4 6J5 6H6 6G6 6J6 6J7 6J8 6P8G 6Q6 6Q7 6T4 6T7G 6U8 6V7G 6V6GT 6C5 6C6 6C8G 6D6 6E5 6F8G 6F6 6F5 6L4 6N7 6N4 6W7 6X4 6X5 6Y6 6Z4

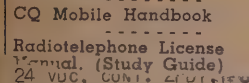
6AB5 6AB7 6AC7 6AF4 6AJ5 6AJ6 6AH6 6AG7 6AG5 6SL7 6AR6 6AK5 6AK6 6AL5 6AQ5 6AU6 6AT6 6AS5 6AS7 6AV5 6BA6 6PA7 6PF6 6PF6 6SC7 6SD7 6R6 6R6 6BG6G 6SG7 6SF7 6SH7 6SQ7 6SN7 6SS7 6SU7

ALL 12 VOLT TUBES LISTED BELOW 75¢ EACH BOXED, UNBOXED OR USED

12A6 12C8 12J5 12Z3 12SC7 12SQ7 12SK7 12SR7 12SG7 12SJ7 12SF7 12SL7 12AU6 12AU7 12AU7 12AT7 12AH7 12R6 12D6

| | | | |
|---|---|---|---|
| 954 | .75 | 9001 | .75 |
| 955 | .75 | 9002 | .75 |
| 956 | .75 | 9003 | 1.50 |
| 957 | .75 | 9004 | .75 |
| 958 | .75 | 9006 | .75 |
| 959 | 1.50 | 10Y-VT-25 | .75 |
| | | 211/VT-4C | 1.50 |
| | | 5557/FG-17/C6M | 7.50 |
| | | 931A-599-559 | 4.95 |

6AN4 6CB5 6CJ7 6EL4 23Z9 6AN8 6CB6 6DA4 6EM5 25DQ6 6AW4 6CD6 6DJ8 6GF7 17DQ6 6BK4 6CG7 6DK6 6JE6 33GY7 6BL6 6CG8 6DQ5 6JM6 35W4 6BL7 6CJ3 6DQ6 6JS6 35Z5 6BQ7 6CJ6 6DW4 (USED 75¢ EA



12 VDC RELAY, DPST, NORMALLY OPEN, 67 OHMS, 2x3⅛x1½; # SW-182 USED 50¢

RELAY 6v D 1½x1½x1 4IF 500S-SIL $.50

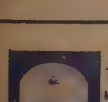
PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1½x1½x1 #R13P-3189 $1.50

SEALED RELAY TWO COILS EACH WITH DPDT. COILS NOT OPERABLE SIMULTANEOUSLY ONE COIL IS CONTROLLED BY THE CONTACTS OF THE OTHER. OPERATE FROM 12 VDC. 2⅜x2⅜x1⅛ 57175 $1.00

SOLD OUT

INTERVAL TIMER ASSEMBLY

RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120v 400 CPS CLUTCH VOLTAGE 28 VDC. ALLIED CONTROL UNIT; 115v 400 CPS, CONT. 2A-29VDC AND 24v 4PDT RELAY. 5LBS. #SS 19180 $2.95



CRAMER TIME DELAY RELAY METER INDICATOR TYPE, SHOWS IF UNIT IS ON OR OFF. SIZE 3x3x3

| | | |
|---|---|---|
| #59C48746 | 2 SEC. | $4.95 |
| #59K48748 | 20 " | 4.95 |
| #59K48747 | 2 MIN. | 4.95 |

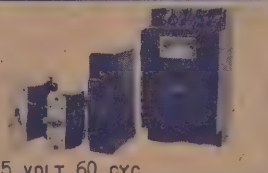
#59K48805 SAME AS ABOVE ONLY 3⅜" RD. 3 MIN. $4.95

OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

| STK# | WATTS | OHMS | PRICE |
|---|---|---|---|
| 29992 | 25 | 25 | $ .50 |
| 270-5 | 25 | 3500 | .50 |
| ABOVE SCREWDRIVER ADJ. | | | |
| 750KK | 25 | 75 | .50 |
| 13990 | 25 | 100 | .50 |
| 201KK | 25 | 200 | .50 |
| 25250 | 25 | 250 | .50 |
| 92700 (DUAL) | 25 | 250 | 1.00 |
| 24609 | 25 | 5 | .50 |
| 41132 | 50 | 7.5 | .75 |
| 5049 | 50 | 8.0 | .75 |
| 0309 | 50 | 1.0 | .75 |
| 50-12 | 50 | 12 | .75 |
| ABOVE SCREWDRIVER ADJ. | | | |
| 2954 | 50 | 15 | .75 |
| 15822 | 50 | 17 | .75 |
| 5895 (DUAL) | 50 | 20 | 1.50 |
| 850-30 DUAL | 50 | 30 | 1.50 |
| 666-1731 | 50 | 34 | .75 |
| 365-9 | 50 | 50 | .75 |
| 32229 | 50 | 60 | .75 |
| 0066 w/sw | 50 | 100 | 1.00 |
| 8852-L20 | 50 | 600 | .75 |
| 1731 | 50 | 340 | .75 |
| 201FK150 | 100 | 15 | 1.50 |
| 316-0796 | 100 | 360 | 1.50 |
| 237 | 150 | 15 | 2.95 |
| 5ROKK | 150 | 5 | 2.95 |
| W1525 | 150 | 25 | 2.95 |
| W1501 | 150 | 1 | 2.95 |
| 5683 | 150 | 750 | 2.95 |
| 154 | 150 | 25 | 2.95 |
| 6938 | 150 | 3 | 2.95 |
| 351KK | 150 | 350 | 2.95 |
| 63301 | 300 | 125 | 3.95 |
| 1261 | 300 | 2 | 3.95 |

PLEASE GIVE SECOND CHOICE.

CIRCUIT BREAKER



115 VOLT 60 CYC

| | | | |
|---|---|---|---|
| 3H900-1.5.1 | 1 | AMP | $1.50 |
| 3H900-1.25 | 1¼ | " | 1.00 |
| 62349M6 | 3 POLE 1¼ | " | 2.50 |
| 3H900-3-2 | 3 | " | 1.00 |

HEINEMANN CAT#AM2511M6 CON. AMPS. 3.75, VOLTS 230 AC, CURVE 3 HP. RIGHT AND LEFT RESET, KNOB FOR DUAL USE. RE-MOVE. EQUIP. $1 EA.

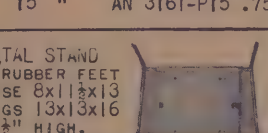
24-30 VOLTS

| | | | |
|---|---|---|---|
| 3H913-5 | 5 | AMPS | $ .50 |
| 875IK4 | 10 | " | .50 |
| AN1513F35* | 35 | " | .75 |
| AN 3160-50L* | 50 | " | .75 |

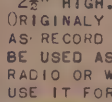
* LUMINOUS TIP

AIRCRAFT TYPE CIRCUIT BREAKE

| | | |
|---|---|---|
| 5 AMP | AN 3161-P5 | $.50 |
| 10 " | AN 3161-P10 | .75 |
| 15 " | AN 3161-P15 | .75 |



METAL STAND W/RUBBER FEET BASE 8x11½x13 LEGS 13x13x16 2½" HIGH. ORIGINALY USED AS RECORD HOLDER STAND, CAN BE USED AS BOOK, FLOWER, TV, RADIO OR WHATEVER YOU CAN USE IT FOR. WT: 4LB. 75¢



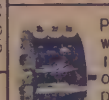
SWIVEL BASE AS USED ON THE BOTTOM OF TV SETS, 5" SQUARE, HAS 4 TURN STOP THAT CAN BE REMOVED FOR 360 DEG. ROTATION. 2LBS. 75¢

TUBES MAY BE USED-NEW-BOXED-PULLOUTS ALL CURE

DUAL LOCKING TYPE SOCKETS FOR INPUT AND CONTROLLED OUTPUT VOLTAGES. SIZE: 5x4x2; WT: 3 LBS. TYPE Q-IC UNUSED $2.95

CONTACTOR; ALLEN BRADLEY, COIL 26 VDC, CONTACTS 115 VAC 22 AMPS. 3 POLE, WESTERN ELECTRIC #GA51038- SIZE: 5½x3x3; 3LB. $4.95

WOBBULATOR MAKE A SWEEP SIGNAL GENERATOR WITH THIS VOICE-COIL DRIVEN CAPACITOR. THIS UNIT CONSISTS OF 10.5 OZ. ALNICO MAGNET DRIVING A THIN ALUMINUM PLATE CLOSER TO OR AWAY FROM THE STATIONARY CAPACITOR PLATES WITH LEADS 5 TO 100 MMFD CAN BE OBTAIN SIZE 3x3x2; 1½ LBS. #Y-101 AVAILABLE ONLY WITH CRACKED CERAMIC (NO EFFECT) $2.95



POTENTIOMETER 100 WATT, 100,00 OHM IN 20 STEPS 5000 OHM EACH W/ON HEAVY DUTY CONTACTS & INSULATED TERMINALS $1.25 7 SHAFT. DAVEN #1373 SIZE: 5½x3½, SHAFT 1-3/8x 3/8. WT: 1½LB. STK#2Z7281-3

SOLD OUT

AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTO WHEN USED WITH 2/6SJ7 TUBES & ASSOC. PARTS IT WILL PRODUC FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5½x5x4½; WT: 5LB. #R26 $4.95

LAY. W/BNC CABLES. $2.75

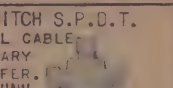
UG-21 ANTENNA CONN. $.75

ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCN TO SUB-MINIATURE COAX. SPDT. 2⅜x1½x1; 4 oz. #3380-511125-1125 $2.95

BC-198 ANTENNA 12V SWITCHING RELAY FOR RECEIVER TO TRANS. PUSH BINDING POSTS, PL-77 PLUG. 5x5x1½; 1LB.U. $1.95

ANTENNA CHANGE-OVER S.P.D.T FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER, LOW-LOSS HIGH-POWER. GENERAL COMM #2LN180RC-1 NEW $3.95

SIZE: 4½x3x2½; WT: 1LB. TYPE "LN" CONN. CUT-OFFS 50¢ AN CONN. 7 CONTACT $1.00



COAXIAL SWITCH S.P.D.T. FOR COAXIAL CABLE 28 VDC ROTARY ACTUARY WAFER. USES TYPE "N" CONNECTOR. SA-185/U $3.95

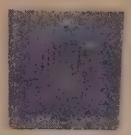
TYPE "N" CONNECTOR CUT-OFF $.50

CONNECTOR 3 CONTACT $1.00

FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE ¾x3

$2.95

# POWER SUPPLIES

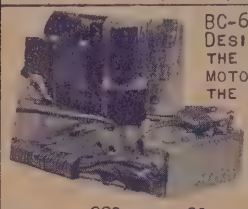


RECEIVER POWER SUPPLY & SPEAKER FOR THE FOLLOWING SETS

| | | |
|---|---|---|
| R-23/ARC-5 | BC-453 | BC-342 |
| R-24/ARC-5 | BC-454 | BC-344 |
| R-25/ARC-5 | BC-455 | BC-348 |
| R-26/ARC-5 | BC-946 | BC-429 |
| R-27/ARC-5 | RAX | |

COMPLETE WITH 6" DYNAMIC SPEAKER HOUSED IN A METAL CABINET WITH CONNECTING CABLE, PLUG, PHONE JACK, VOLUME CONTROL, BFO SWITCH ETC. IF REQUIRED, CAN ALSO BE USED FOR OTHER SETS. OUTPUT 200/250 VDC @ 90/60 MA. & 24 VAC @ 2A. INPUT 115 VOLT 60 CYCLE. SECIFY FOR WHAT SET.
SIZE: 10x10x6; WT: 15 LBS. No. P.S(SET NUMB.)
PRICE; KIT OF PARTS $17.00 WIRED $19.95

BC-652 RECEIVER POWER SUPPLY WITH SPEAKER SAME AS ABOVE; KIT $20.00; WIRED $23.95



BC-603/BC-683 RECEIVER P.S. DESIGNED TO BE PLUG IN-TO THE SAME PLACE AS THE DYNAMOTOR WITH NO CONVERSION TO THE SET THAT WILL EFFECT THE OPERATION FROM THE DYNAMOTOR. ONLY WORK REQUIRED ID ADD ON/OFF SWITCH IN PLACE OF SPAR FUSE HOLDER. TRANSFORMER TYPE USING 5Y3GT TUB
OUTPUT 220 VDC, 80 MA. & 24 VDC 2 A. WT: 5LBS.
No. P.S.603/683 KIT $10.00 WIRED $14.95

## BC-923 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 275 VOLTS DC, 150 MA. & 12.6 VOLTS AC. 4 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5U4G TUBE, CHASSIS, WIRING DIAGRAM, LINE CORD ETC.
SIZE: 5½x6½x9½; WT: 15 LBS.
PRICE
#PS-923 $22.95

## R-77/ARC-3 RECEIVER POWER SUPPLY

OPERATES FROM 115 VOLT 60 CYCLE; SUPPLIES OUTPUT OF 210 VOLTS DC @ 125 MA. & 24 VOLTS AC @ 2 AMPS. COMPLETE WITH TRANSFORMER, CHOKE, CAPACITORS, SWITCH, PILOT LIGHT, LINE FUSE, 5Y3GT TUBE, CHASSIS, LINE CORD ETC. #PS-R77/ARC-3
SIZE: 5½x6½x9½; WT: 14 LBS. (LAYOUT SAME AS 923)
PRICE $22.95

POWER SUPPLY No. 7630019. OPERATES FROM 115 VOLT 60 CYCLE DUAL HIGH VOLTAGE OUTPUT 400 DC 200 MA & 400 DC 200 MA. ALSO 6.3 VAC 2.75 A. & 6.3 VAC 5.5 A WITH 2/5R4GY TUBES.
SIZE: 10x7x15; WT:
PRICE: $19.95
CABLE WITH 18 CONTACT PLUG TO FIT P.S $2.00

POWER SUPPLY No. 7630020VR VOLTAGE REGULATED, OPERATES FROM 115 VOLT 60 CYCLE, OUTPUT 200-250 DC. @ 150-250 MA. ALSO 6.3 VAC 2.75A & 6.3 VAC 5.5 TUBES 2/6AS7G, 1/VR-105, 1/6AK7 & 1/5R4G. WT: 30 LBS.
SIZE: 11½x10½x6 $18.95
CABLE WITH 18 CONTACT PLUG TO FIT POWER SUPPLY PLUG, 4 FOOT $2.00

POWER SUPPLY 763003 (MODIFIED) OUTPUT 375 VDC @ 225 MA & 6.3 VAC @ 2.75 A, 6.3 VAC @ 6 A. INPUT 115 VOLT 60 CYCLE WITH 2/5R4GY TUBES.
SIZE: 13½x10½; WT: 35 LBS.
PRICE: $14.95
SOLD OUT
CONNECTOR 18 CONTACT $2.00

PP-662/GPN POWER SUPPLY, VOLTAGE REGULATED, 300 VDC 10 TO 90 MA. PLUS POTENTIAL, 210 VDC MINUS. WITH TUBES 4/5651, 2/6AH6, 1/12AT7, 2/6AS7, 1/5Y3 & 1/5R4. OUTPUT PIN JACKS WITH ADJUST METERING SWITCH, FUSED OUTPUT & INDICATOR LIGHTS.
SIZE: 10x8x20; WT: 35 LBS.
No. COVER OR PLUG IN RELAY.
POWER REQUIRED 115 VOLT 60 CYC
PRICE: USED $14.95

# DC. SUPPLIES

OPERATE FROM 115 VOLTS 60 CYCLE AND ARE COMPLETE WITH TRANSFORMER, RECTIFIER, CAPACITOR, SWITCH, LINE CORD, PILOT LIGHT, LINE FUSE ETC. INDICATED RATINGS ARE FOR LOAD CONDITIONS.

DUAL OUTPUT 12/14 OR 24/28 VDC @ 6 AMPS. SIZE 7x6½x13; WT: 17
STK#PS-12/24VDC6A
KIT OF PARTS...$20.00
WIRED COMPLETE.... 24.95

OUTPUT 12/14 VOLTS DC @ 6 AMPS. SIZE: 5½x9½x5; WT: 20 LBS.
STK#PS-12VDC6A
KIT OF PARTS...$14.00
WIRED COMPLETE.... 18.95

OUTPUT 24/28 VOLTS DC @ 4 AMPS. SIZE: 5½x9½x5; WT: 12 LBS.
STK#PS-24VDC4A
COMPLETE WIRED..$17.95
KIT OF PARTS.... 13.00

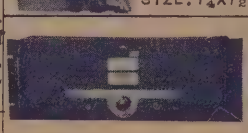
OUTPUT 12/14 VOLTS DC @ 4 AMPS. SIZE: 5½x9½x5; WT:
STK#PS-12VDC4A
COMPLETE WIRED..$14.95
KIT OF PARTS.... 10.00

OUTPUT 24/28 VOLTS DC @ 1½ A. SIZE: 7x6x5; WT: 6 LBS.
#PS-24VDC1.5A WIRED..$10.95
KIT OF PARTS $8.00

OUTPUT 12/14 VOLTS DC @ 2 AMP SIZE: 7x6x5 WT: 7 LBS.
#PS-12VDC2A WIRED...$9.95
KIT OF PARTS..... 7.00

## MOBILE SUPPLY

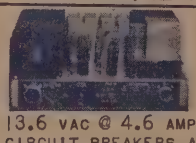
AVA-126 VIBRATOR POWER SUPPLY; OUTPUT 300 VDC 100 MA. OPERATES FROM 6, 12 OR 24 VOLTS D.C WHEN THE PROPER VIBRATOR IS USED, OCTAL BASE. SUPPLIED WITH 6 VOLT VIBRATO (USED WITH AVT-112 AIRCRAFT TRANS) ILLUST. COVER REMOVED. UNUSED
SIZE: 7¼x7½x7½; WT: 12LBS. $4.95



RA-42 POWER SUPPLY RACK MOUNTING 19", 115/230 V 60 CYC OPERATION, OUTPUT 200-250 VDC 100 MA HOUSED IN CABINET 7x8x1[illegible] WT. 30 LBS.
USED $12.00

VOLTAGE REGULATED POWER SUPPLY AS USED TS-67 TEST SET, OPERATES FROM 115 V. 60 CYCLE, OUTPUT 150 VDC & 20 MA & -30 VDC @ 40 MA. AND 6.3 VAC @ 5 AMP. (TRANSFORMER RATING IS 700 VOLT C.T @ 100 MA. P.S. CAN BE RE-WIRED FOR HIGHER OUTPUT) WITH TUBES 1/5Y3, 1/6X5, 2/VR-150, 2/6G6
SIZE: 12x7x7; 26 LBS. USED $8.95
CONNECTOR PLUGS, 2 REQ. $1.00 EA.

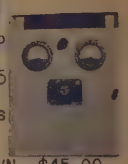
RA-74D POWER SUPPLY FOR RECEIVERS BC-779, 794, 1004, R-270 & R-129U.
INPUT 95/105/117/130/190/210/234/260 VAC 25-60 CYC. OUTPUT 380 VDC @ 50 MA. 250 VDC @ 100 MA 100 VDC 4.5 MA -50 VDC 11 MA & 6.3 VAC 7 AMP. WITH TUBES 1/5Y3GT & 1/5U4G.
RACK PANEL MTG. SIZE: 19x10½x10; WT: 100 LBS
PRICE: RE-NEW .....$24.95



PE-110D POWER SUPPLY FOR BC 669 TRANSMITTER-RECEIVER. INPUT 115 VOLT 60 CYCL OUTPUT 520 VDC @ 420 MA. 275 VDC VDC @ 64 MA. AND 13.6 VAC @ 4.6 AMP. WITH 4 TUBES 5Z3, RESET CIRCUIT BREAKERS A.C OUTLETS AND POWER OUPUT PLUG. AN OPTIONAL ITEM IS THE 12 VDC POWER PACK VIBRATOR TYPE WITH A OUTPUT OF 275 VDC @ 64 MA. THAT WAS USED FOR RECEIVER STANDBY AND PLUGS IN ON THE CHASSIS.
SIZE: 20½x9½x12; WT: 100 LBS. UNUSED
PE-110D POWER SUPPLY WITH 12v. PACK $30.00

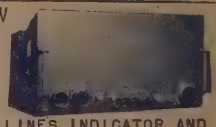
PE-110B POWER SUPPLY SAME AS ABOVE ONLY DOES NOT HAVE CIRCUIT BREAKERS, HAS FUSED CIRCUITS. SIZE: 14x9x12; WT: 75 LBS. USED
PE-110B P.S LESS 12 V. POWER NOT AVAILABLE
CD-515 CABLE FOR PE-110 $5.95

## RECTIFIER 12 VDC



RECTIFIER POWER UNIT 12 VDC 20 AMP CONTIUOUS DUTY OUTPUT, INPUT 115/440 VOLT 60 CYCLE, 3½" METERE 0-15 D.C VOLTS, 0-30 DC AMPS. COARSE & FINE CONTROLS, SELINIUM RECTIFIERS BRACKETS FOR WALL MTG.
SIZE: 12½x17x11; WT: 70 LBS. NEW
NAVY#6130-542-6140; MOD. #S20-GS12VN $45.00

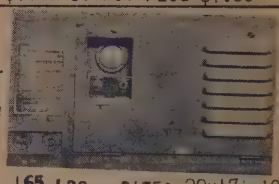
SOM-603601 VOLTAGE REGULATED 24 VOLT D.C 3 AMP. POWER SUPPLY FOR RACK PANEL MOUNTING. LINE REG. 1%, LOAD 5%. THREE CAPACITORS 37,500 MFD 35 VDC, SILICON RECT.
SIZE: 19½x6½x7½; WT: 20 LBS. NEW $19.95



PP-142 POWER SUPPLY 115 V 60 CYC VOLTAGE REGULATED 300 VDC 250 MA. ALSO 6.3 @ 3.75, 6.6 @ 9 A. WITH TUBES 3/6Y6G, 2/5U4G, 1/6AC7 & VR-150 ADJUSTMENT FOR B FUSED LINES, INDICATOR AND EXT. JACKS FOR OUTPUT ON FRONT PANEL.
SIZE: 9½x16x12½; WT: 85 LBS. USED $22.50

TS-147 REGULATED POWER SUPPLY IN CASE WITH FRONT PANEL AND SOME PARTS. POWER SUPPLY 115 V. 60 CYC. OUTPUT 300 V. 36 MA, 6.3 @ 1½A 6.3 @ 1.7A WITH TUBES 5R4 6Y6, 6SH7 AND 2/OB2.
CASE SIZE: 18½x12x11; WT: 35 LBS.
PRICE: WITH TUBES AND 2½" MILLIWATT METER $15
" " " NO METER $11.95

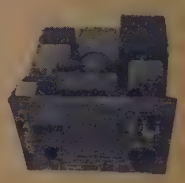
RA-62 POWER SUPPLY FOR SCR-522 RECEIVER-TRANSMITTER. INPUT VOLTAGE 115/230 VOLT 60 CYCLE OUTPUT 300 VDC 230 MA. -150 VDC 8 MA & 13 VDC 3.9 AMP. WITH TUBES 2/5U4 & 1/6X5.
SIZE: 16x11½x11; WT: 75 LBS. PRICE: USED $39.50
AC LINE PLUG ONLY $1.50 OUTPUT PLUG $1.50



RA-43-B RECTIFIER TUBE TYPE OUTPUT 115v 525w DC; INPUT 95-125v, 50-60cyc AC. PROVIDES POWER FOR 1 TO 3 SWITCHBOARDS. REQUIRES 2/6F6 INCL AND TWO C6J, NOT INCL. WT. 165 LBS. SIZE: 22x17½x10
PRICE: $24.95 USED

RBM CCT-20086 RECTIFIER POWER SUPPLY. INPUT 115 V. 60 CYCLE OUTPUT 12 V. 60 CYC 2.9 AMP. AN & 205 V.D.C. 76 MA. 5U4G RECT.
SIZE: 8x9½x13½; WT: 20LB.
PRICE: USED $12.95
P-2003 CONNECTOR PLUG....$1.50

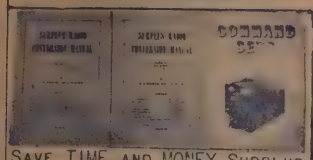
SCOPE POWER SUPPLY 110 VOLT 380-420 CYCLE INPUT, OUTPUT APPROX. 1800 VOLTS 1.5 MA. WITH TRANSFORMER, 2/CONDENSER .1 4000 VDC, 1/1Z2 TUBE, TERMINAL STRIP RESISTORS ETC.
SIZE: 6x7x5; WT: 5 LBS.
GE Assy#7608055 $2.95



PP-115/TRC-8 POWER SUPPLY 115/230 VOLT 60 CYCLE INPUT, OUTPUT 550 VDC @ 350 MA AND 6.3 VAC 6 AMPS. ALSO 115 V. BLOWER APPROX. 100 CFM, MICROPHONE TRANS. LINE TRANS. DAVEN ATTENUATOR, DUAL CIRCUIT BREAKERS, PHONE & MIC JACKS ETC.
SIZE: 12x8x14; WT: 55 LBS.
PRICE: RE-NEW $19.95

CMD-20ACH-1 POWER SUPPLY; INPUT 115/230 VOLT 60 CYCLE OUTPUT 350 VDC @ 200 MA AND REGULATED 150 VDC 30 MA. TWO WINDINGS 6.3 V & 5 VOLT. WITH TUBES 2/5R4GY, 1/6X5GT, 1/VR-105 AND 3/6SN7.
SIZE: 15½x12½x10; WT: 40 LBS. UNUSED $19.95

# BOOKS MANUALS TUBES



SAVE TIME AND MONEY SURPLUS CONVERSION MANUALS ARE A MUST FOR BEGINNERS AND ARE A BIG HELP TO THE OLD HAM.

SURPLUS RADIO CONVERSION MANUAL VOL. NO. 1
SURPLUS RADIO CONVERSION MANUAL VOL. NO. 2 $3.50
SURPLUS RADIO CONVERSION MANUAL VOL. NO. 3 $3.50

SURPLUS CONVERSION HANDBOOK INCL. COMMAND SETS CQ $3.00
CQ SURPLUS SCHEMATICS HANDBOOK. $2.50
CQ ANTHOLOGY CONVERSION THE BEST OF CQ45-52 $3.00

THE SURPLUS HANDBOOK $3.50
VOL.1 RECEIVERS-TRANSMITTER

FOR LIST OF CONTENTS FOR THE ABOVE BOOKS SEND $.25

**ARRL BOOKS**

| | |
|---|---|
| Radio Amateur Handbook | $4.00 |
| Mobile Manual | 2.50 |
| Single Sideband | 2.00 |
| Hints & Kinks | 1.00 |
| A Radio Course in Radio Fundamentals | 1.00 |
| How To Become A Radio Amateur | 1.00 |
| Operating an Amateur Radio Station | .25 |
| CQ Mobile Handbook | $2.95 |
| Radiotelephone License Manual. (Study Guide) | $5.75 |

### RADIO SET MANUALS

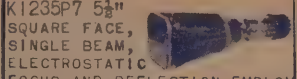
| | | | |
|---|---|---|---|
| $3.00 EACH | . | $5.00 EACH | |
| BC-191 | : | AN/ARN-6 | |
| BC-229/230 | : | AN/ARQ-5 | |
| BC-312/342 | : | AN/GRC-3-8 | |
| BC-603/604 | : | AN/GRC-9 | |
| BC-620 | : | AN/GRC-26 | |
| BC-652/653 | : | AN/TRC-1 | |
| BC-659 | : | BC-221 AH | |
| BC-683/684 | : | BC-610 | |
| I-208 | : | TS-175 | |
| BC-1000 | : | S-36 | |
| R-48/TRC-8 | | ART-13 | $10.00 |
| BC-1335 | | TCS-7-12 | $12.00 |
| BC-223 | | | |
| BC-375 | | OTHER MANUALS | |
| I-176 | | AVAILABLE | |

### SCHEMATICS $1.00 EACH.

| | | |
|---|---|---|
| BC-929 | BC-229 | BC-230 |
| BC-191 | BC-224 | BC-312 |
| BC-375 | BC-456 | BC-457 |
| BC-458 | BC-459 | BC-603 |
| BC-604 | BC-624 | BC-525 |
| BC-652 | BC-653 | BC-654 |
| BC-659 | BC-683 | BC-684 |
| BC-696 | BC-733 | BC-779 |
| BC-923 | BC-924 | BC-1000 |
| BC-1203 | BC-1306 | ID-80/AP17 |
| RTI/APN2 | ARB | R-77/ARC-3 |
| R-4/ARR2 | TBY | AM913/TRC |
| RAX-1 | RAX-2 | RAX-3 |
| FMR-13V | RA-105 | R-48/TRC-8 |

EITEL-McCULLOUGH INC.

RADIO FREQUENCY POWER AMPLIFIER OR OSCILLATOR.....
PLATE MODULATED RADIO FREQUENCY AMPLIFIER.....
AUDIO FREQUENCY POWER AMPLIFIER OR MODULATOR
PRICE: NEW $12.95 2/$25.00



K1235P7 5⅛" SQUARE FACE, SINGLE BEAM, ELECTROSTATIC FOCUS AND DEFLECTION EMPLOYING A SINGLE POST-ACCELERATOR BAND. FLOURESCENCE/BLUE, PHOSPHORESCENCE/YELLOW, PERSISTENCE/LONG. LENGTH 17⅛", BASE, MEDIUM SHELL 12P. SPEC'S AVAILABLE WITH PURCHASE OF THIS TUBE, OTHERWISE 50¢). K1235P7 $10.00

Z4535P2/GE#7742513P1 7" ROUND FLAT FACE 5.00

| | | |
|---|---|---|
| 16STR4A | 16" | 5.00 |
| Z4516P11 | 16" RECT. | 5.00 |
| 19DXPSC | 19" | 25.00 |
| 21AWP4 | 21" TV/BW | 5.00 |

| | | | |
|---|---|---|---|
| 3BP1 | $ 5.95 | 5BP1 | $6.95 |
| 3DP1 | 4.95 | 5CP7 | 7.95 |
| 3FP7 | 2.95 | 5LP1 | 5.95 |
| 3HP7 | 1.95 | 5UP1 | 7.95 |
| 7CP1 | 5.95 | 5FP14 | 5.95 |
| 7BP7 | 8.95 | 5HP1 | 5.95 |

OTHER TYPES IN STOCK. WRITE

CATHODE RAY TUBE SHIELDS CRTS#1 FRONT SEC. 3⅛x3⅛, BACK 2⅛x4½, WT: 1½ LB. $1.95

CRT#4-3515 FRONT SEC. 3⅛ TO 2⅛, 4" BACK THEN 5" WITH CLAMP OVERALL 9" 2LB. $2.75

### MAGNETRON TUBES

| | | | | |
|---|---|---|---|---|
| 706C | 3038 MC | 206 | KW | $4.95 |
| 2J29 | 2925 " | 300 | KW | 4.95 |
| 2J51 | 8500 " | 100 | KW | 6.95 |
| 718 | 2895 " | 206 | KW | 3.95 |
| 2J32 | 2800 " | 250 | KW | 4.95 |
| 2J26 | 3007 MC | 300 | KW | 4.95 |

| | | | |
|---|---|---|---|
| 0A2 | 1C5 | 1LA4 | 1T4 3Q4 |
| 0A3 | 1C6 | 1LC5 | 1T5 3Q5 ALL |
| 0B2 | | 1LC6 | 1U4 3S4 75¢ |
| 0C3 | 1D8 | 1T D5 | 1U5 3V4 TUBES |
| 0D3 | 1E5 | | 1V2 MAYBE |
| 0Y4 | 1E7 | 1LF3 | 1V 5A6 NEW |
| | 1G4 | 1LN5 | 3A3 5R4 OR |
| 1A3 | 1G6 | 1N5 | 3A4 5T4 USED |
| 1A4 | 1H4 | 1N6 | 3A5 5X4 BUT |
| 1A6 | 1H5 | 1Q5 | 3B4 5Y3 GUARA- |
| 1B3 | 1H6 | 1R4 | 3B7 5U4 NTEED |
| 1B4 | 1J6 | 1R5 | 3D6 5Z4 |
| 1B5 | 1L4 | 1S5 | 3E4 75¢ EACH |

| | | | | | | |
|---|---|---|---|---|---|---|
| 7A4 | 7A8 | 7AG7 | 7B4 | 7B8 | 7C4 | |
| 7C5 | | 7C7 | 7E5 | 7E6 | 7E7 | |
| 7F7 | 7S7 | 7W7 | | | 7Z4 | 75¢ |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | 24 | 26 | 27 | 30 | 31 | 33 |
| | 35 | 36 | 37 | 38 | 39 | | 41 |
| 42 | 43 | 44 | 45 | 46 | 47 | | 51 |
| 53 | | 56 | 57 | 58 | 59 | | 71 |
| 72 | | 75 | 76 | 77 | 78 | 79 | 80 |
| 83 | 85 | 89 | | | | 75¢ | EACH |

| | | | |
|---|---|---|---|
| 1B22 | .75 | 316 | .75 |
| 1B23 | .75 | 705 | .75 |
| 1B26 | .75 | 717 | .75 |
| 1B32 | .75 | 829B | 7.00 |
| 1B36 | 1.50. | 801 | .75 |
| | | 807 | 1.50 |
| 2A3 | .75 | 808 | .75 |
| 2A6 | .75 | 814 | 3.00 |
| 2A7 | .75 | 815 | 3.00 |
| 2B22 | .75 | 832 | 7.95 |
| 2B23 | .75 | 838 | 3.00 |
| 2C22 | .75 | 841 | .75 |
| 2C26 | .75 | 843 | .75 |
| 2C44 | .75 | 864 | .75 |
| 2C51 | 1.50 | 1616 | .75 |
| 2E24 | 2.00 | 1619 | .75 |
| 2E32 | 1.50 | 1624 | .75 |
| 2J417 | 8.00 | 1625 | .75 |
| 3B21 | 1.50 | 1626 | .75 |
| 3B24 | 1.50 | 1631 | .75 |
| 3C22 | 2.50 | 1632 | .75 |
| 3C33 | 2.50 | 1641 | .75 |
| 3D21 | 1.50 | | |

MANY OTHER TUBES IN STOCK. TELL US OF YOUR NEEDS.

ALL OF THE SIX VOLT TUBES LISTED BELOW ARE 75¢ EACH BOXED, UNBOXED OR USED ALL GUARANTEED

| | | | | | |
|---|---|---|---|---|---|
| 6B7 | 6A6 | 6A8 | | 6C4 | 6J5 |
| 6H6 | | 6G6 | 6J6 | 6J7 | 6J8 |
| | 6B8G | 6Q5 | 6Q7 | | 6T4 |
| 6T7G | | 6U8 | 6V7G | 6V6GT | |
| 6C5 | 6C6 | 6C8G | 6D6 | 6E5 | 6F8G |
| 6F6 | 6F5 | | 6L4 | 6N7 | 6N4 |
| 6W7 | 6X4 | 6X5 | | 6Y6 | 6Z4 |
| 6AB5 | 6AB7 | 6AC7 | 6AF4 | 6AJ5 | |
| 6AJ6 | 6AH6 | 6AG7 | 6AG5 | 6SL7 | |
| 6AR6 | 6AK5 | 6AK6 | 6AL5 | 6AQ5 | |
| | 6AU6 | 6AT6 | 6AS5 | 6AS7 | |
| 6AV5 | | 6RA6 | 6RA7 | 6PF6 | |
| 6BF6 | 6SC7 | 6SD7 | 6RQ6 | 6RN6 | |
| 6BG6G | 6SG7 | 6SF7 | 6SH7 | 6SQ7 | |
| 6SN7 | 6SS7 | 6SU7 | | | |

ALL 12 VOLT TUBES LISTED BELOW 75¢ EACH BOXED, UNBOXED OR USED

| | | | |
|---|---|---|---|
| 12A6 | 12C8 | 12J5 | 12Z3 |
| 12SC7 | 12SQ7 | 12SK7 | 12SR7 |
| 12SG7 | 12SJ7 | 12SF7 | 12SL7 |
| 12AU6 | 12AU7 | 12AV7 | 12AT7 |
| 12AH7 | | 12BD6 | 12DQ6 |

| | | | |
|---|---|---|---|
| 954 | .75 | 9001 | .75 |
| 955 | .75 | 9002 | .75 |
| 956 | .75 | 9003 | 1.50 |
| 957 | .75 | 9004 | .75 |
| 958 | .75 | 9006 | .75 |
| 959 | 1.50 | 10Y-VT-25 | .75 |
| 211/VT-4C | | | 1.50 |
| 5557/FG-17/C6M | | | 7.50 |
| 931A-599-559 | | | 4.95 |

6AN4 6CB5 6CJ7 6EL4 23Z9
6AN8 6CB6 6DA4 6EM5 25DQ6
6AW4 6CD6 6DJ8 6GF7 17DQ6
6BK4 6CG7 6DK6 6JE6 33GY7
6BL6 6CG8 6DQ5 6JM6 35W4
6BL7 6CJ3 6DQ6 6JS6 35Z5
6BQ7 6CJ6 6DW4 (USED 75¢ EA

TUBES MAY BE USED-NEW-BOXED-PULLOUTS ALL GUARANTEED

12 VDC RELAY, DPST, NORMALLY OPEN, 67 OHMS, 2x3⅛x1½; # SW-182 USED 50¢

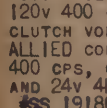
RELAY 6v D 1½x1½x1 41F 500S-SIL $.50

PLATE RELAY 10,000 OHMS. CONTACTS 115 VAC @ 5 AMPS 1½x1½x1 #R93P-3189 $1.50

SEALED RELAY TWO COILS EACH WITH DPDT. COILS NOT OPERABLE SIMULTANEOUSLY. ONE COIL IS CONTROLLED BY THE CONTACTS OF THE OTHER. OPERATE FROM 12 VDC. 2¼x2¼x1¼ 57175 $1.00

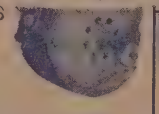
SOLD OUT

INTERVAL TIMER ASSEMBLY RELAY TIME DELAY 5 MIN. RESET DELAY 100 SEC. MOTOR VOLTAGE 120v 400 CPS CLUTCH VOLTAGE 28 VDC. ALLIED CONTROL UNIT; 115v 400 CPS, CONT. 2A-29VDC AND 24v 4PDT RELAY. 5LBS. #SS 19180 $2.95



CRAMER TIME DELAY RELAY METER INDICATOR TYPE, SHOWS IF UNIT IS ON OR OFF. SIZE 3x3x3

| | | |
|---|---|---|
| #59C48746 | 2 SEC. | $4.95 |
| #59K48748 | 20 " | 4.95 |
| #59K48747 | 2 MIN. | 4.95 |
| #59K48805 | SAME AS ABOVE ONLY 3⅜" RD. 3 MIN. | $4.95 |



OTHER VALUES IN STOCK WRITE FOR YOUR NEEDS

| STK# | WATTS | OHMS | PRICE |
|---|---|---|---|
| 29992 | .25 | 25 | $ .50 |
| 270-5 | 25 | 3500 | .50 |
| ABOVE SCREWDRIVER ADJ. | | | |
| 750KK | 25 | 75 | .50 |
| 13990 | 25 | 100 | .50 |
| 201KK | 25 | 200 | .50 |
| 25250 | 25 | 250 | .50 |
| 92700 (DUAL) | 25 | 250 | 1.00 |
| 24609 | 25 | 5 | .50 |
| 41132 | 50 | 7.5 | .75 |
| 5049 | 50 | 8.0 | .75 |
| 0309 | 50 | 1.0 | .75 |
| 50-12 | 50 | 12 | .75 |
| ABOVE SCREWDRIVER ADJ. | | | |
| 2954 | 50 | 15 | .75 |
| 15822 | 50 | 17 | .75 |
| 5895(DUAL) | 50 | 20 | 1.50 |
| 850-30DUAL | 50 | 30 | 1.50 |
| 666-1731 | 50 | 34 | .75 |
| 365-9 | 50 | 50 | .75 |
| 32229 | 50 | 60 | .75 |
| 0066 W/SW | 50 | 100 | 1.00 |
| 8852-L20 | 50 | 600 | .75 |
| 1731 | 50 | 340 | .75 |
| 201FK150 | 100 | 15 | 1.50 |
| 316-0796 | 100 | 360 | 1.50 |
| 237 | 150 | 15 | 2.95 |
| 5NOKK | 150 | 5 | 2.95 |
| W1525 | 150 | 25 | 2.95 |
| W1501 | 150 | 1 | 2.95 |
| 5683 | 150 | 750 | 2.95 |
| 154 | 150 | 25 | 2.95 |
| 6938 | 150 | 3 | 2.95 |
| 351KK | 150 | 350 | 2.95 |
| 63301 | 300 | 125 | 3.95 |
| 1261 | 300 | 2 | 3.95 |

PLEASE GIVE SECOND CHOICE.

CIRCUIT BREAKER

115 VOLT 60 CYC

| | | | |
|---|---|---|---|
| 3H900-1.5.1 | 1 AMP | | $1.50 |
| 3H900-1.25 | 1¼ " | | 1.00 |
| 62349M6 | 3 POLE 1¼ " | | 2.50 |
| 3H900-3-2 | 3 " | | 1.00 |

HEINEMANN CAT#AM2511M6 CON. AMPS. 3.75, VOLTS 230 AC, CURVE 3 HP. RIGHT AND LEFT RESET, KNOB FOR DUAL USE. RE-MOVE EQUIP. $1 EA.

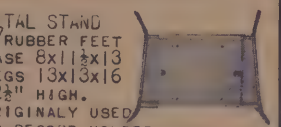
24-30 VOLTS

| | | | |
|---|---|---|---|
| 3H913-5 | 5 AMPS | | $ .50 |
| 375IK4 | 10 " | | .50 |
| AN1513F35* | 35 " | | .75 |
| AN 3160-50L* | 50 " | | .75 |

* LUMINOUS TIP

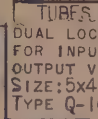
AIRCRAFT TYPE CIRCUIT BREAKE

| | | |
|---|---|---|
| 5 AMP | AN 3161-P5 | $.50 |
| 10 " | AN 3161-P10 | .75 |
| 15 " | AN 3161-P15 | .75 |



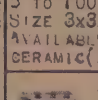
METAL STAND W/RUBBER FEET BASE 8x11½x13 LEGS 13x13x16 2½" HIGH. ORIGINALLY USED AS RECORD HOLDER STAND, CAN BE USED AS BOOK, FLOWER, TV, RADIO OR WHATEVER YOU CAN USE IT FOR. WT: 4LB. 75¢

SWIVEL BASE AS USED ON THE BOTTOM OF TV SETS, 5" SQUARE, HAS ¼ TURN STOP THAT CAN BE REMOVED FOR 360 DEG. ROTATION. 2LBS. 75¢



CONTACTOR; ALLEN BRADLEY, COIL 26 VDC, CONTACTS 115 VAC 22 AMPS. 3 POLE, WESTERN ELECTRIC #GA51038-SIZE: 5½x3x3; 3LB. $4.95

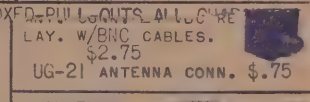
WOBBULATOR MAKE A SWEEP SIGNAL GENERATOR WITH THIS VOICE-COIL DRIVEN CAPACITOR. THIS UNIT CONSISTS OF 10.5 OZ. ALNICO MAGNET DRIVING A THIN ALUMINUM PLATE CLOSER TO OR AWAY FROM THE STATIONARY CAPACITOR PLATES WITH LEADS 5 TO 100 MMFD CAN BE OBTAINED SIZE 3x3x2; 1½ LBS. #Y-101 AVAILABLE ONLY WITH CRACKED CERAMIC (NO EFFECT) $2.95



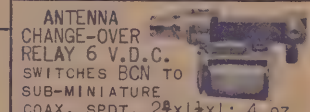
POTENTIOMETER 100 WATT, 100,00 OHM IN 20 STEPS 500 OHM EACH WITH HEAVY DUTY CONTACTS & INSULATED TERMINALS $1.25 7 SHAFT. DAVEN #1373 SIZE: 5½x3½, SHAFT 1-3/8x 3/8. WT: 1½LB. STK#Z27281-3

SOLD OUT

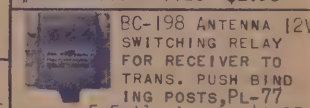
AUDIO OSCILLATOR BOX ASSY. W/24 12 MMFD. CERAMIC TRIMM. 21 TEMP. COMP. CAP. & RESISTO WHEN USED WITH 2/6SJ7 TUBES & ASSOC. PARTS IT WILL PRODUCE FREQ. 425-2295 CYCLES IN 12 STEPS OF 170 CYC. EA. 5½x5x4½; WT: 5LB. #R26 $4.95



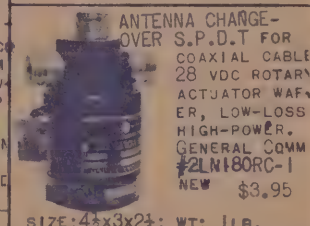
RELAY. W/BNC CABLES. $2.75
UG-21 ANTENNA CONN. $.75



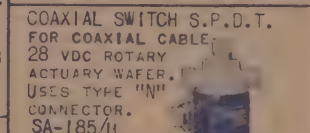
ANTENNA CHANGE-OVER RELAY 6 V.D.C. SWITCHES BCN TO SUB-MINIATURE COAX. SPDT. 2¾x1½x1; 4 OZ. #3380-511125-1125 $2.95



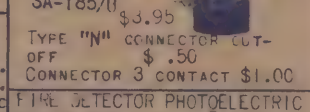
BC-198 ANTENNA 12V SWITCHING RELAY FOR RECEIVER TO TRANS. PUSH BINDING POSTS, PL-77 PLUG. 5x5x1½; LB.U. $1.95



ANTENNA CHANGE-OVER S.P.D.T FOR COAXIAL CABLE 28 VDC ROTARY ACTUATOR WAFER, LOW-LOSS HIGH-POWER. GENERAL COMM #2LN180RC-1 NEW $3.95
SIZE: 4¾x3x2½; WT: 1LB.
TYPE "LN" CONN. CUT-OFF 50¢
AN CONN. 7 CONTACT $1.00



COAXIAL SWITCH S.P.D.T. FOR COAXIAL CABLE 28 VDC ROTARY ACTUARY WAFER. USES TYPE "N" CONNECTOR. SA-185/U $3.95
TYPE "N" CONNECTOR CUT-OFF $.50
CONNECTOR 3 CONTACT $1.00



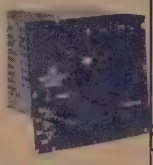
FIRE DETECTOR PHOTOELECTRIC RESISTANCE TYPE 1.5 MEG. MAX DECREASES WITH INTENSITY OF LIGHT. #6340-651-6213 SIZE ¾x3 $2.95

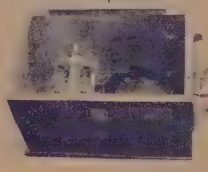
## ART-13 TRANSMITTER

100 WATT AIRCRAFT AUTOTUNE TRANSMITTER

MAKES A VERY SATISFACTORY AMATEUR UNIT FOR 80 40,20AND10 METERS. THE AUTOTUNE FEATURE PERMITS YOU TO PRESET THE FREQUENCY DESIRED ON ON ANY 10 PRESELECTED CHANNELS.(FOR CONVERSION INSTRUCTIONS SEE MANUALS #2 & #3 $3.00EA. TUBE LINEUP1/837,1/813,2/1625,1/12SJ7,2/6V6, 2/811,2/12SL7,1/12SA7. VOLTAGE REQUIRED 28VDC 10AMP,400VDC,225MA & 1250VDC 250MA.
SIZE: 23½x16x11½ WT.70LBS
PRICE: USED $49.50
CONNECTOR PLUGS FOR TRANS.U/7 & U/8 $2.50 EA.
DYNAMOTOR FOR ART-13 WITH FILTERS & RELAYS 28VDC INPUT. PRICE: USED $12.95
NEW
CONNECTOR PLUGS FOR DYNAMOTOR U-9 OR U-10 EACH $2.50
CU-24/ART-13 ANTENNA SHUNT CAPACITOR CONSISTS OF 3-CAPACITORS 25MMF 10KV
PRICE USED $1.00

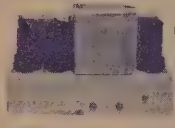
0-17/ART-13 LOW FREQUENCY OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5½x5½x9; WT4LBS.
USED $5.95 UNUSED $7.95





SA-22/ART-13 ANTENNA SWITCHING UNIT CONTAINS A BENDIX VACUUM RELAY LM-26G,24VDC,2 POSITION CERAMIC SWITCH & 4 LARGE INSULATORS SAME AS USED ON TRANSMITTER, ALSO SO-239 COAX. CONNECTOR. SIZE:11x7x7 WT10LBS
PRICE: NEW $4.95

CU-25/ART-13 TRANSMITTER ANTENNA TUNER FOR 200 TO 600 KC,CONSISTS OF A VARICOUPLER, 13 POSITION SWITCH WIRED TO A FIXED TAPPED COIL,ALSO .0008 5000 VOLT MICA CAPACITOR INSULATED COUPLINGS ETC. SIZE:10x9½x9½; WT: 13 LBS. UNUSED $4.95



ART-13 AUDIO SPEECH AMPLIFIER CONTAINS TWO 6V6GT & ONE 12SJ7 TUBES, CAN BE USED FOR CARBON OR DYNAMIC MIC. SIZE:7x4x3¼,WT:4LBS,USED STK#2C254 PRICE $5.95

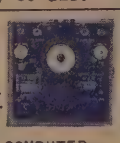
ART-13 CFI CALIBRATION FREQUENCY INDICATOR & MCW OSCILLATOR ASSY. USED TO PROVIDE A CONSTANT CRYSTAL CONTROLLED STANDARD OF 200 KC. IN ORDER THAT FREQ. CAN BE CHECKED ALSO 1000 CYCLE TONE. WITH 200KC. CRYSTAL & 2 TUBES SIZE6x5x3 WT.3LBS STK.#801 PRICE USED $6.95

## HYDROPHONE

HYDROPHONE TRANSDUCER MICROPHONE
ROCHELLE SALT TYPE USED TO PICK UP UNDERWATER SOUNDS IN THE FREQUENCY RANGE OF 1 TO 20,000 CYCLES. AVERAGE IMPEDANCE 25 OHMS UP TO 400 FT. WITH TRANSFORMER HOUSED IN RUBBER WATERPROOF JACKET FILLED WITH OIL & 9 FT. RUBBER CONNECTING CABLE. SIZE: 56x3½; WT:21 LBS. (NOT MAILABLE)
SONAR # NT-51038F PRICE: NEW $14.95

SN-17/APS-10 SYNCHRONIZER, $9.95 TRANSITTER & RECEIVER ALSO SWEEP AND CONTROL CIRCUITS FOR THE INDICATOR. GENERATES CONTROL FOR THE PULSE RECURRENCE RATES OF 410 TO 820 CPS AND RANGE MARKS OF 0-4-25 MILES. SIZE 8x6x13; WT: 30 LBS.

## TEST SET



TS-3A/AP RADAR FREQUENCY METER 2400 TO 3400 MC USING A TUNEABLE CAVITY ALSO HAS 3" METER FOR TESTING POWER OUTPUT, 0-2 MA. MOVEMENT 0-20 SCALE. USED WITH SCR-717/720 RADAR SET. WITH CABLES, TEST LAMP,COMPUTER RULE ETC. SIZE:8½x8½x8½; WT: 25 LBS.
PRICE: UNUSED $9.95

## TUNED CAVITY

FR-72 TUNED CAVITY PORTABLE RINGING CAVITY USED FOR TESTING THE OVERALL PERFORMANCE OF RADAR EQUIPTMENT SUCH AS POWER OUTPUT & FREQUENCY SPECTRUM. THE ECHO BOX CANTAINS A PRECISE-DIMENSIONED, SILVER PLATED RESONANT CAVITY THAT OPERATES AS A SHARPLY TUNED CIRCUIT IN WHICH INDUCTANCE AND CAPACITANCE ARE TUNED TO RESONANCE AT THE FREQ. BEING MEASURED. FREQ. RANGE 8500 TO 9000 MEGACYCLES. A 3½" 0-20 MICROAMP. METER IS USED TO INDICATE PART OF THE STORED ENERGY. POWER IS ABTAINED FROM THE UNIT UNDER TEST.
SUPPLIED WITH 1N-23B CRYSTAL DIODE, UG-446/U ADAPTER AND 8 FT. COAXIAL CABLE.
SIZE:16x26x14; WT: 45 LBS. UNUSED $19.95

TS-62 ECHO BOX & CAVITY PORTABLE SELF-CONTAINED MANUALLY TUNED TEST SET USED FOR CHECKING RADAR EQUIPMENT IN THE 9320-9420 MC. RANGE. IT WILL DETERMINE THE FREQ. OF CW, MCW OR PULSED SIGNALS, MEASURE RELATIVE OUTPUT ON A 0-20 3½ MICRAMPMETER, DETECT DOUBLE MODING OF MAGNETRONS AND GIVES SIGNAL TO NOISE RATIO OF REC. ANTENNA PICK-UP ASSY WITH CABLE IS PROVIDED.
SIZE:6½x18½x11½: WT: 15 LBS. PRICE: USED $9.95

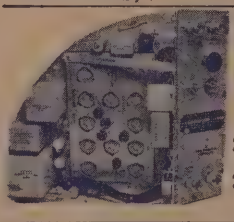
AN/PDR-27 RADIAC SET; PORTABLE BATTERY-OPERATED RADIATION DETECTOR AND INDICATOR. IT IS CAPABLE OF DETECTING AND MEASURING BETA AND GAMMA RADIATIONS TO-GETHER OR GAMMA ALONE. THE UNIT CAN BE CARRIED BY HAND AND THE PROBE IS ATTACHED TO THE MAIN UNIT BY A COILED CORD. VISUAL INDICATION IS INDICATED ON THE METER AND AURAL IN THE HEADPHONES. BATTERY VOLTAGE REQUIRED 135 VDC, 22.5 VDC & 1.5 VDC. WITH TUBES 1/3V4 3/502AX AND 2 GM TUBES BS-1 & 2. SHIPPED IN METAL CARRING CASE 9½x15x10½; 20LBS THESE UNITS ARE SOLD LESS HEADSET,CARRING STRAP AND ARE NOT IN OPERATING CONDITION. $10.00

SOLD OUT

BC-746 TUNING UNIT FOR BC-745 TRANSMITTER AND RECEIVER. CONTAINS 2 CRYSTALS, ANTENNA COIL,VARIABLE CAPACITOR AND R.F. COILS. VAR. CAP. 6.5 TO 140 MMF. CRYSTALS FT-243.
THE FOLLOWING FREQ. ARE AVAILABLE:

| CHAN. NO. | TRANS. FREQ. | REC FREQ. | CHAN. NO. | TRANS FREQ. | REC. FREQ. |
|---|---|---|---|---|---|
| 1 | 3010 | 3465 | 9 | 3655 | 4110 |
| 4 | 4845 | 5300 | 11 | 4780 | 5235 |
| 5 | 5500 | 5955 | 12 | 5030 | 5485 |
| 6 | 5880 | 6335 | 13 | 5305 | 5700 |
| 7 | 3245 | 3700 | | | |

SIZE:4x3x1½; WT: 1 LB. PRICE: EACH $1.25



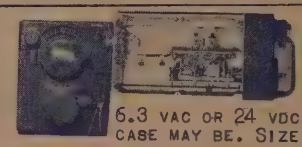
R.F. OSCILLATOR, PART OF GKA-1 EQUIPMENT. CONTAIN SEVERAL TYPES OF BAND PASS FILTERS, VARIABLE CAPACITOR,TUBE SOCKETS, PIN JACKS, RESISTORS 1% PILOT LIGHTS,SWITCH,POTS 2/UG-88 COAX. CONNECTORS ETC. OSC. FREQ APPROX. 24 KC. SIZE:12x12x4½; 13 LBS. RE-MOVED $1.95

## VISUAL FLASH LAMP

USED BY AIRCRAFT OR GROUND UNITS FOR INDENTIFICATION PURPOSES. GIVES A EXTREMLY BRIGHT FLASH OF LIGHT THAT CAN BE SEEN BY AIR IN BRIGHT SUN 3 MILES OR 1 MILE ON THE GROUND.
AVAILABLE FOR 12 OR 24 VOLT D.C OPERATION. CONSISTS OF A HIGH VOLTAGE CONVERTER USING A VIBRATOR TYPE POWER SUPPLY WITH 2 CAPACITORS 25 MFD 2000 VDC, INT. DUTY, 2/12X3 TUBES ONE SYLVANIA FLSH LAMP #1073 WITH HOLDER & 20 FT. CABLE, 15 FOOT BATTERY CABLE 2 COND. #10 ETC. FLASH RATE ONE PER 1½ SECONDS.
SIZE:17x10½x4½; WT: 50 LBS. W/MANUAL
PRICE: UNUSED CHECKED $29.95
SYLVANIA FLASH LAMP WITH PORTABLE HOLDER & LAMP SOCKET, SWITCH, IGNITION COIL AND 20 FT. 4 COND. CABLE. (COIL NOT GUARNANTEED) $10.00

## APR-4 RECEIVER

R-444/APR-4Y RECEIVER AND CV-253/ALR TUNING UNIT FOUR BAND TO COVER THE FREQUENCY OF 38 TO 1000 Mc. USED IN AIRCRAFT AS SEARCH EQUIP. TO DETECT ELECTROMAGNETIC RADIATION, THE FREQ. OF SIGNALS, RELATIVE FIELD STRENGTH AND AUDIO OUTPUT. SELECTOR PERMITS CHOICE OF AM NARROW/WID OR FM. ALSO IF ATTN. SELECTOR,HET. SW.,RANGE SELECTOR,SWEEP CONTROL & TUNING KNOB. METER 2½" FOR TUNING. ORIGINALY DESIGNED FOR 115 V 400 CYCLE POWER SOURCE UNITS ARE AVAILABLE FO FOR 115 VOLT 60 CYCLE.ALSO REQUIRED IS 24 VDC FOR PILOT LIGHTS AND SCANNING MOTOR WHEN TUNING UNITS WITH MOTORS ARE USED. REC. USED SIZE: 8x10½x12½; WT: REC. ONLY 33 LBS. TU.20LB
PRICE: REC. ONLY $95.00 WITH CV-253 TU$250.00
CV-253 CONVETER 38-1000 MC NEW 175.00
ANY OF THE TUNING UNITS LISTED BELOW CAN BE USED WITH THE R-444/APR-4Y OR R-54/APR-4 WE WILL SHIP WHICHEVER RECEIVER IS AVAILABLE. R-54/APR-4 RECEIVER SAME AS ABOVE ONLY DIFF. POWER REQ. 115 VOLT 60 TO 2600 CYCLE & 24 VDC SAME PRICE AND TUNING UNITS CAN BE USED.



CONVERTER TUNING UNITS FOR USE WITH 30 MC. I.F. NO POWER SUPPLIES REQUIRE 300 VDC, 6.3 VAC OR 24 VDC WHICHEVER THE CASE MAY BE. SIZE:9x7x15; 25 LBS.AV

| | | | | |
|---|---|---|---|---|
| TN-16/APR-4 | TUNING UNIT | | 38- 95 MC | $25.00 |
| TN-17/ | " | " | NOT AVAILABLE | |
| TN-18/ | " | " | 300-1000 " | 45.00 |
| TN-19/ | " | " | 975-2200 " | 39.95 |
| TN-54/ | " | " | 2150-4000 " | 75.00 |
| CV-253 | " | " | 38-1000 " | 125.00 |
| TN-1/APR-1 | " | " | 38- 95 " | 25.00 |
| TN-3/APR-1 | " | " | 300-1000 " | 35.00 |

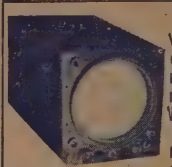
POWER PLUG TO FIT SETS $1.50 SHOCKMOUNT 2.50

## TV CAMERA

BC-1211 CONVERSION UNIT; CONTAINS NECESSARY CKT AND COMP. FOR PICKING UP OPTICAL IMAGE AND COVERTING IT TO VIDEO SIGNAL, ALSO GENERATES BLANKING AND SYNC. PULSES TO COMBINE W/VIDEO TO FORM COMPOSITE SIG
WITH TUBES 1846, 2/6L6,1/VR-150, 4/1649,2/6X5,3/12SL7 & 4/12SN7.
SIZE:8½x10½x20; WT: 40 LBS. UNUSED
PRICE: WITH TUBES AND LENSE $100.00
" " LESS " 75.00

## TV TRANSMITTER

T-61/AXT-2 TRANSMITTER FREQ. RANGE 264 TO 372 MC, RECEIVES RADIO & SYNCHRONIZING SIGNALS QND BLANKING SIGNALS AND TRANSMITTS MODULATED R.F CARRIER WHICH IS GENERATED IN THIS UNIT BY MEANS OF OSCILLATOR AND POWER AMPLIFIER. POWER REQ. 750 VDC 225 MA & 24/28 V. WITH TUBES 4/8025,2/6L6,2/6SH7,1 EA. 5Y3GT, 6SL7GT,6V6GT & 955. SIZE:9x14x18; WT: 40 LBS
PRICE: USED $32.50 UNUSED $39.50



ID-66/AXR-1 MONITOR INDICATOR VIDEO REPEATER; AUX. VIDEO UNIT CONTAING AMPLIFIER CIRCUITS, DRIVEN TYPE DEFLECTION CIRCUIT HV GENERATOR AND 7" C.R TUBE. WITH TUBES 7CP1,2/12SN7,1/807, 1/8016,1/6AC7,1/6SN7. ALSO DYNAMOTOR 24 VDC INPUT, OUTPUT 400 VDC 125 MA. U/W AXT-2 SET
SIZE:8½x10x19; WT: 20 LBS. PRICE: USED $19.95

IP-53/CPS-6 RADAR HEIGHT INDICATOR WITH 12DP7AC.R. TUBE ALSO 6/807,13/6SN7, 5/6AC7, 1/6AG7, 1/6SJ7, AND 1/VR-150. NO POWER SUPPLY WITH THIS UNIT.
SIZE:20x18x3½; WT: 125 LB.
PRICE: USED $22.95

## PARTS BONNAZA

PLUG IN TUNING UNITS USED WITH BC-191/BC-375 TRANSMITTER. THESE UNITS CONTAIN MANY PARTS THAT CAN BE USED BY SCHOOLS, LABORATORIES, HAMS, OR EXPERIMENTERS. LISTED BELOW ARE THE VARIOUS TUNING UNITS WITH FREQUENCY COVERAGE, AND PARTS LIST. ALL UNITS INCLUDE CABINET, KNOBS, HANDLES, BRACKETS, AND OTHER PARTS. THE NEW TUNING UNITS ALSO INCLUDE THE OUTER CASE.
SIZE: 17x9x7½ WT: 13 LBS.

**TU-5B 1500-3000KC**
M-O tank inductance
M-O band change switch
Antenna coupling switch
P-A band change switch
Capicators, as follows:
3/0.0001 mfd 3000 volt
0.00003 mfd 2000 volts
2/0.0004 mfd 5000 volts
3/0,00009mfd 3000 volts
Var. 8-26mmf, 20-135mmf
20-156mmf
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
P-A tank inductance
Res. 15 ohms, 4.5 watts
2½" vernier dial
right angle drive

**TU-6B 3000-4500KC**
M-O tank inductance
P-A tank inductance
P-A grid choke coil
M-O grid choke coil
Antenna coupling coil
M-O band change switch
P-A band change switch
Antenna coupling switch
Capicators, as follows
2/0.00005mfd 3000 volt
2/0.0004mfd 5000 volts
Variable cap. 19-116
mmf, 8-26mmf, 15-77mmf
M-O tuning compensator
Res. 15 ohm, 4.5 watts
2½" Vernier dial
Right angle drive
NEW $5.95

**TU-7-B 4500-6200KC**
M-O tank inductance
P-A tank inductance
Antenna coupling switch
Antenna coupling coil
P-A grid choke coil
M-O grid choke coil
Cap. as follows:
2/0.0004mfd 5000 volts
Var. Cap. 8-26 mmf,
23-111mmf, 19-116mmf
2½" Vernier dial
Right angle drive
NEW $5.95

**BC-306 ANTENNA TUNING UNIT**
200-500 KC
VARIOMETER COIL
VARIOMETER DIAL
ANTENNA COUPLING SWITCH
INSULATORS
NEW $4.95

**TU-8-B 6200-7700KC**
M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 2/0.0004mfd 5000v
Var. Cap. 14-66mmf,
8-26mmf, 15-81mmf
2½" Vernier dial
Right angle drive
NEW $5.95

**TU-9-B 7700-10,000KC**
M-O tank inductance
M-O grid choke coil
P-A grid choke coil
P-A tank inductance
Antenna coupling coil
Antenna coupling switch
Cap. 3/0.0004mfd 5000v
Var. Cap. 19-116mmf,
8-26mmf, 15-77mmf
2½" Vernier dial
Right angle drive
NEW $4.95

**TU-10-B 10,000-12,500KC**
M-O tank inductance
M-O grid choke coil
P-A tank inductance
P-A grid choke coil
Ant. coupling coil
Ant. coupling switch
M-O choke coil
Cap. 3/0.0004mfd 5000v
Var. cap. 14-62mmf,
19-116mmf, 8-26mmf
2½" vernier dial
Right angle drive
NEW $4.95

**TU-26-B 200-500KC**
M-O tank variometer
M-O plate coil
M-O grid choke coil
P-A tank variometer
P-A grid choke coil
M-O band change switch
Antenna Coupling switch
Antenna coupling coil
Capicators, as follows
3/0.0004mfd 3000v
2/0.005mfd 5000v
2/0.004mfd 5000v
2/0.0035mfd 5000v
0.002mfd 5000v
0.0005mfd 3000v
0.0007mfd 3000v
12mmf, 35mmf
Var. cap. 8-26mmf
Res. 15 ohm 4.5 watts
2½" Vernier dial
Right angle drive
USED $5.95 NEW $7.95

## PRESSURE UNIT

AUTOMATIC PRESSURIZATION UNIT MODEL E/AP-150 TYPE 203. INPUT VOLTAGES 27 VDC .4 AMPS. 200 VOLTS 400 CYC DUTY: INT. AIR OUTPUT RATE 110 CUBIC INCH MINUTE; PRESSURE RANGE 10-16 PSI G WITH 2½" METER 0-25 SCALE.
SIZE: 9x4½x5; WT: 8 LBS. USED $8.95 PLUG $1.50

## BC-603 RECEIVER

BC-603 RECEIVER F.M. 20-27.9MC CONTINUOUS TUNING & 10 PRESET PUSH BUTTON CHANNEL SELECTOR. WITH SENSITIVITY SQUELCH & VOLUME CONTROLS, 2 WATT OUTPUT TO SELF CONTAINED SPEAKER, ONE(1) MICROVOLT SENSITIVITY, 2.65KC I.F. 10 TUBES 3/6AC7,1/6J5, 2/12SQ7,2/6SL7,1/6H6 & 1/6V6GT. VOLTAGE REQUIRED 12/24 VOLTS FOR FILAMENTS. 220 VDC @ 80 MA. FOR HIGH VOLT. SIZE 11½x6½x12½; WT: 35 LBS. PRICE: USED NOT OPERATING $19.95

## CONVERTED 38-48 MC 844.95

FOR BEST RESULTS ORDER SPECIFIC FREQ. DESIRED

AC POWER SUPPLY FOR BC-603: NO CONVERSION NEEDED EXCEPT TO ADD SWITCH. (INSTRUCTIONS SUPPLIED) WIRED $14.95 KIT OF PARTS $11.00 DYNAMOTORS: DM-34 12 VDC, DM-36 24 VDC 4.95

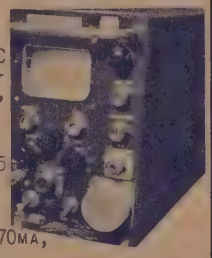
## RELAY TEST SET

USED $16.95
RE-COND. 21.95

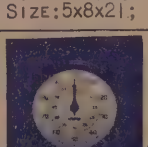
I-193 RELAY TEST SET: USED FOR TESTING 255, 255A, D-163119A, D-164 816A POLAR RELAYS ETC. FOR BIAS AND SENSITIVITY. THE ELECTRICIAL CHARACTERISTICS ARE DETERMINED BY THE DEFLECTIONS OF THE METER. ALSO CONTAINS CIRCUIT FOR SENDING PULSES FOR TESTING EXTERNAL TELEGRAPH CIRCUITS AND A 10-20 CYCLE OSCILLATOR FOR FOR TESTING AND LINE-UP PURPOSES. OPERATES FROM 115/130 VDC 10 WATTS. (RA-87 RECTIFIER SHOWN ON PAGE 8 OF THIS CATALOG WILL OPERATE THIS EQUIPMENT) SHIPPED IN WOOD CHEST 24X12X13; WT: 75 LBS.

## A.F.C. UNIT

AUTOMATIC FREQ. CONTROL UNIT No.600671; USED WITH FIRE CONTROL SYSTEM, WITH 16 TUBES 2/5829, 11/5703, 2/5702 & 1/5784, DPDT SIGMA RELAY THAT WILL OPERATE FROM 14 VDC @ 2.8 MA, SLUG TUNED COILS, RESITORS, COND. ETC. (SORRY DO NOT KNOW FREQ. NO SCHEMATIC) SIZE: 4x8x6; WT: 5LBS. PRICE USED $2.95



IP-274/ALA-10 PANORAMIC ADAPTER INDICATOR; FOR USE WITH RECEIVERS HAVING 30 MC I.F. FREQ. FRONT PANEL CONTROLS, PRF, HOR, CENTER FREQ, INTENTSITY, FOCUS, SYNC, PAN ETC. WITH TUBES 3BP1, 1B3, 0D3, 3/28D7, 12AU7, 6SN7, 884, 2/6SL7, 6J6, 6AC7, 2/6BA6, 6AL5 6X5 & 6BE6. POWER REQ. 115 VOLT 380-1000 CYCLE. TRANSFORMER OUTPUT VOLTAGE 1.25v .2A, 650v 2MA, 300VDC 70MA, 6.3v .9A, 6.3v 4.65A, SIZE: 5x8x21; WT: 18LBS. PRICE USED $19.95



STANDARD ELECTRIC TIMER TYPE S-1 ONE (1) REV. PER SEC. MOTOR 115 VOLT 400 CYCLE, CLUTCH 24 VDC, RESET 24 VDC. SIZE 5¾x5⅝x4½; WT: 8 LBS. STOCK NUMBER 6645-803-2187 PRICE: UNUSED $24.95

## WAVE METER
## SCOPE OSCILLATOR

AN/UPM-1 WAVEMETER-OSCILLATOR-SCOPE RADAR TEST UNIT FOR 155-235MC AND 460-570MC CONTAINS PULSE AND SWEEP GENERATORS VIDEO AMP. 3" OSCILLOSCOPE, TWO WAVEMETER TWO OSCILLATORS, POWER REQUIREMENTS: 80, 115, OR 230 VOLTS AC. 60-1000 CYCLES. SIZE: 30x21x24; WT. 150LBS. USED $38.88

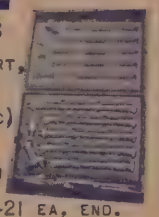
ANTENNA FOR AN/UPM-1 SIZE: 21x12 WT. 11 LBS. USED $9.95

## SIGNAL GENERATOR

USED $18.95

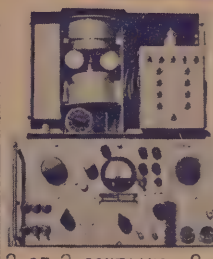
BC-1277 SIGNAL GENERATOR; 2400 TO 3400 MC. TUNED CAVITY DIGIT COUNTER DIVISIONS 30/60 MC. 0-50 D.C 3½" MICROAMP. METER FOR MEASURING THE VOLTAGES OF THE VARIOUS CIRCUITS. ATTENUATOR, SYNC. AMP., STD. SIGNAL SHAPE AND CAL. SIGNAL AMPLIFIER CIRCUIT OPERATES FROM 115 V. 50-1200 CYCLE. WITH TUBES 3/VR-150, 4/6AC7, 2/VR-105, 2/6Y6, 2/6SF5, 1/6L7, 1/6L6, 1/707A, 1/6X5 & 1/5Y4. USED FOR TESTING RADAR. SIZE IN WOOD CHEST 22x17x17: WT: 100 LB

## ATTENUATORS



MX-1309/URM-23 POWER MEASURING; KIT OF WAVEGUIDE ATTENUATORS, ADAPTER, BALOMETER, CABLE & CHART, 1000 TO 4000 MC.
| ATTENUATOR CN-110/U 10 DB
| " CN-111/U 20 DB (2PC)
| " CN-168/U 3 DB
| " CN-169/U 6 DB
| RF BALOMETER DT-76/U, "N" CON
| ADAPTER CONN. UG-402/U
| COAXIAL CABLE CG-92B/U, W/UG-21 EA. END.
METAL CARRING CASE, FITTED, SIZE 19x5x14; WT: 32 LBS. COMPLETE SET $14.95

## PULSE GENERATOR



AN/UPM-19 RADAR TEST SET CONSISTS OF SG-76 PULSE GENERATOR THAT COVERS THE FREQ. OF 2650-2950 MC. VARIABLE FREQ. AND R.F. OSCILLATOR CONTROLS BCN CONN. REQ. FOR R.F IN, R.F OUT, VIDEO PULSE AND SYNC. OUT JACKS. 2½" R.F CAL. POWER METER 25 TUBES, OPERATES FROM 24 VDC VIBRATOR POWER PACK. ABOVE IS CONTAINED IN CASE # 1 OF 2. CASE 2 OF 2 CONTAINS, 2 ANTENNAS, CONTROL BOX, LITE INDICATOR BOX, PLUGS AND CABLES. ALUMINUM CARRING CASE SIZES 16½x8x14 AND 14x10x10; SHPG. WT: 80 LBS.
PRICE: USED $29.50

## CALIBRATOR

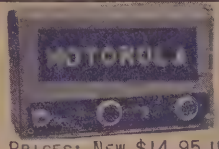
TS-102B/AP CALIBRATOR: RANGE CALIBRATOR PORTABLE PULSE GENERATOR WITH REPETITION FREQ. OF 400, 800, 1600, 2000 & 4000, MARKER AND SYNCHRONIZING PULSE, VAIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 115 V. 50-1000 CYCLE WITH TUBES 2/6X4W, 3/6AG7 6/5814. 2/UG273/U CONN. 4/CABLES W/UG-88B/U SIZE: 16x10x11; WT: 28 LBS. UNUSED $14.95

TS-164 FREQUENCY METER CASE EMPTY CASE USED TO HOUSE FREQ METER BC-221, CAN ALSO BE USE FOR SIMILAR TYPES, HINGED FRONT COVER FOR CALIBRATION BOOK, FRONT COMPARTMENT SIZE 9⅜x7½x7⅛, REAR COMPARTMENT HAS 2 BALLAST TUBES AND VOLTAGE REGULATOR TUBE VR-105, REAR COMPARTMENT IS 2" DEEP ALSO RELAY AND SHOCK-MOUNTING. SHPG. WT: 19 LB. NEW $3.95

JB-70 JUNCTION BOX; USED WITH BC-610 TRANSMITTER. FRONT PANEL HAS SWITCHES AND CONTROLS FOR REMOTE USE OF TRANS. HAS AC OUTLETS BOTTOM & SIDE, 4 HEADSET & 2 KEY JACKS, MIC PLUG, 2 WAFER, 4 TOGGLE, LEVER & START/STOP SWITCHES, CIRCUIT BREAKER, CABLES ETC. SIZE 19x13x5½; WT: 40 LBS
PRICE: USED $9.95

AUTOSYN INSTRUMENT FIELD TESTER; AAF #43G18624 IS A SIMPLE TESTER THAT IS DESIGNED TO TEST THE ELECTICAL CIRCUITS OF ALL MINIATURE 26 V. 400 CYC. AUTOSYNS. WHEN CONNECTED TO THE SUPPLY IT CAN BE USED AS A TRANSMITTER OR INDICATOR ALSO HAS ELECTRICAL ZERO TESTING CIRCUIT. SIZE: 6x10x5; WT: 8 LBS.
PRICE: METAL CASE HINGED COVER & CABLES. USED.. $8.95
WOOD CASE NO COVER/CABLES 3.95

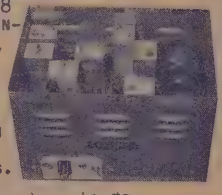
AF/URG-60 RECEIVER 100 TO 156 MC AM CRYSTAL CONTROL ONE CHANNEL, AVC, SQUELCH AND NOISE LIMITER CIRCUITS, 115 VOLT 25-60 CYCLE WITH TUBES 4/6AK5, 4/6SG7, 2/6H6, 2/6SJ7, 1/6F6 & 1/5Y3GT. OUTPUT PHONE AND LINE JACKS, RF AND VOLUME CONTROLS, PILOT LIGHT, SWITCHE ETC. RACK PANEL MTG. 19x5½x15¼; WT: 50 LBS. PRICE: USED $39.50 CHECKED FOR OPERATION $45




T-193 TRANSMITTER 30-40 MC, F.M. 30 WATT, CRYSTAL CONTROL SINGLE CHANNEL, 6 VOLT DC DYNAMOTOR WITH TUBES 4/7C7, 2/7A8, 1/6V6 & 1/807. SIZE 15x9½x9; WT: 30 LBS. PRICES: NEW $14.95 USED $9.95 NO TUBES $5 LESS

MOTOROLA TRANSMITTER 152-172 Mc FM USED $14.95

## 28 MC - 28 MC

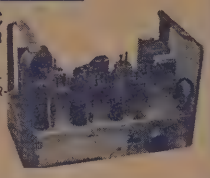


BC-499 RECEIVER F.M 20-28 MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC, WITH 11 TUBES 3/12SH7, 1/12SJ7, 2/12H6, 2/12A6, 1/12SL7GT & 2/12K8. WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60 MA., AUDIO OUTPUT 500 OHM & SQUELCH CIRCUIT. SIZE: 12x9½x9½; WT: 23 LBS. PRICE: RE-NEW $18.95 CONNECTOR PLUG TO FIT UNIT ... $1.50

PHILCO TRANSMITTERS PRT150GT 154-172 MC. FM. 30 WATT, 6 VOLT DYNAMOTOR P.S. CRYSTAL CONTROL SINGLE CHANNEL TUBES, 2/3A4, 1/9003, 1/6BJ6, 2/2E24, 1/6C4, & 1/2E30. USED COND SIZE: 15½x10½x8: WT: 35 LBS. PRICE: W/TUBES, L/CRYS. $14.95

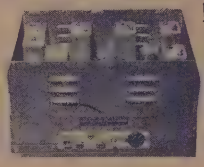
PHILCO RECEIVER PRT72G 70-80 MC. F.M 6 VOLT VIBRATOR POWER SUPPLY, CRYSTAL CONTROL, SQUELCH CIRCUIT, WITH TUBES 3/6BQ6, 3/6AK5, 2/6AQ6, 1/6C4, 1/7F7 & 1/7A8. USED LESS CRYST. SIZE: 15½x10½x8: WT: 30 LBS. $14.95

## 30 MC - 50 MC



RCA F.M RECEIVER 30 - 50 MC SINGLE CHANNEL, CRYSTAL CONTROL, WITH TUBES 9/6SH7, 1/6SL7, 1/1635 & 2/6H6. AVAILABLE WITH 6 OR 12 VOLT VIBRATOR PACK. SIZE: 9x10x16; WT: 23 LBS. RCA #CVIB OR EQUIVELENT.

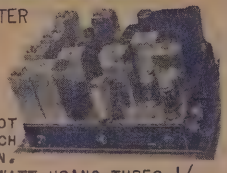
PRICE: USED $19.95



LINK RECEIVER 30-50 MC FM TYPE 11-UF-ED-6. CRYSTAL CONTROL SINGLE CHANNEL, DUAL CONVERSION, SQUELCH CIRCUIT WITH TUBES 5/7AG7 2/7A6, 1/7C7, 1/7F7, 1/7B5 & 1/7F7. VOLTAGES REQUIRED FOR FILAMENTS 6 VOLTS, HIGH VOLTAGE 250 VDC 60MA.

SIZE: 12x13x9; WT: 22 LBS. PRICE: USED $27.50 POWER & CONTROL PLUG $1.00 ANTENNA PLUG $1.00

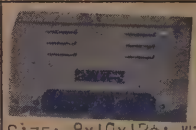
## 115V 60 CYC & 6 VDC



LINK TYPE 5-FRX TRANSMITTER RECEIVER; F.M. 30-40 MC 115 VOLT 50-60 CYCLE OR 6 VOLT DC. SINGLE CHANNEL CRYSTAL CONTROL. SET IS HOUSED IN METAL BOX WITH SPEAKER, HANDSET, PILOT LIGHT CONNECTOR AND SWITCH FOR 6 OR 115 V. OPERATION. TRANSMITTER OUTPUT IS 3 WATT USING TUBES 1/7F7, 1/7W7, 2/7C5, CRYSTAL FREQ. IS MULTIPLIED 32 TIMES FOR OPERATING FREQ. RECEIVER SENSITIVITY ½ MICROVOLT OR BETTER. WITH TUBES 2/6AC7, 2/6K8, 1/6V6, 1/6SH7, 1/6SJ7, 2/6H6, 1/6SL7 & 1/6K6. FREQ. DEVIATION - 15KC CASE SIZE 21x9x15; WT: SHPG. 80 LBS.

RECEIVER CAN BE OPERATED WITHOUT TRANSMITTER

PRICE: USED AS DESCRIBED $29.50



LINK RECEIVER 1905 152-172 MC F.M. DOUBLE CONVERSION, SINGLE CHANNEL CRYSTAL CONTROL, SQUELCH CIRCUIT, WITH TUBES 2/7A6, 1/7F7, 7/7AG7, 1/7B5, 2/6AK5. LESS CRYSTALS

SIZE: 8x10x12½; WT: 30 LBS.

PRICE: WITH 6 VOLT POWER SUPPLY $34.95
" 12 " " " $39.50

LINK TRANSMITTER 1906 152-172 MC FM LESS TUBES DYNAMOTOR, RELAYS CRYSTALS, USED 6.95

R-114/VRC-4 RECEIVER AM CRYSTAL CONTROL ON FOUR CHANNELS IN THE 1.7 TO 8.7 MC BAND, ONE TUNEABLE BAND OF 190 TO 510 KC. IF FREQ. 525 KC. FOR PHONE AND CW USE. WITH TUBES 4/6SK7, 1/6K8, 2/6SQ7 & 1/6K6. VOLTAGE REQUIRED 6 V. FOR FIL. AND 220 VDC 80 MA. SIZE: 15½x11x14½; WT: 80 LBS. RE-NEW $29.95

## CONTROL RECEIVER

R-127-RADIO CONTROL CONVERTING RECEIVER 162-174 MC F.M. 2 CHANNEL OUTPUT, BATTERY OPERATION, REQUIRED VOLTAGES 67½, 45, 90, 1½, 7½ & -10½ WITH TUBES 2/959, 2/1T4, 2/3S4, 1/1S5 & 1/958. I.F 8.25Mc CHASSIS AS PHOTO. W/SCHEMATI

SIZE: 12x,x8; WT: 12 LBS. RE-NEW $9.95

CONNECTOR PLUG TO FIT UNIT..... 1.50

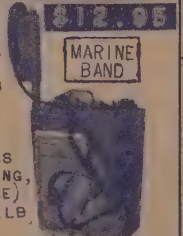
## RECEIVER

R-74/CRW-2 RECEIVER A.M SUPERREGENERATIVE TYPE FOR REMOTE CONTROL USE IN THE 53-88 MC BAND. WHEN THE RF TRANSMITTING CARRIER IS MODULATED BY 475 OR 3000 CYCLE TONE IT ACTUATES THE RELAY IN THE RECEIVER WHICH CAN BE USED TO CONTROL EQUIP. SINGLE PRESELECTED FREQ. MOST BE USED. WITH TUBES 1/6SG7, 1/6J5, 3/6SL7 AND 1/6SN7. AND DYNAMOTOR 24 VDC INPUT, OUTPUT 250 VDC 60 MA. SIZE: 6x8x10; WT: 15 LBS. ORICE: USED $6.95

## NAVY WALKIE TALKIE

MARINE BAND

NAVY WALKIE-TALKIE TRANSMITTER & RECEIVER. THIS EQUIPMENT IS CRYSTAL CONTROLLED AND CAN BE OPERATED ON ANY ONE CHANNEL IN THE FREQUENCY RANGE OF 2.3 TO 4.5 MC. VOICE (A3) COMMUNICATION ONLY, OUTPUT OF TRANS IS 0.2 WATTS AND SATIFACTORY COMMUNICATION BETWEEN UNITS OVER AVERAGE TERRAIN SHOULD BE ABLE TO BE MAINTAINED UP TO APPROX. (1) ONE MILE. WITH TUBES 1/1R5, 1/1S5, 2/1T4, 3/3S4. VOLTAGES REQUIRED 67.5 VDC 3 MA; 135 VDC 4 MA; 1.5VDC 225 MA FOR REC. 67.5 VDC 1.5 MA; 135 VDC 19 MA; 1.5VDC 225 MA & -6VDC 30 MA FOR TRANSMIT. UNIT COMES IN A WATERPROOF PLASTIC CASE WITH SPACE FOR BATT. OR POWER SUPPLY. TELESCOPING ANTENNA 6 FT. HAS SPEC. LOADING COIL. COMPLETE WITH TUBES, ANTENNA, 2 CRYSTALS FT-243 (NO CHOICE) HEADSET W/CANVAS BAND CARBON MICROPHONE, CANVAS COVER, & MANUAL. SIZE 8x8x2½; WT: 8 LBS. $8.95




NAVY WALKIE-TALKIE DIRECTION FINDING EQUIPMENT MODEL DAV $12.95

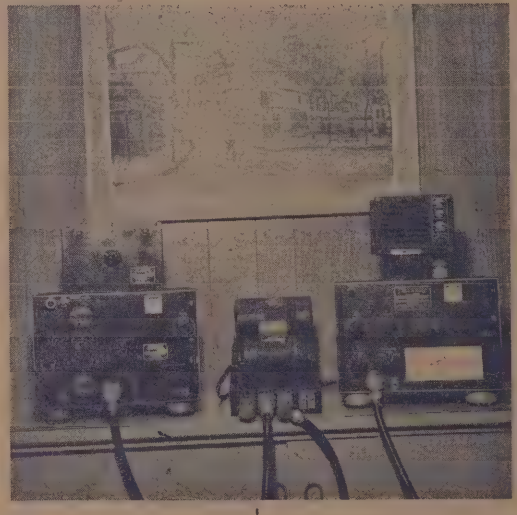
SAME AS "MAB" DESCRIBED ABOVE ONLY HAS A DIRECTION FINDING LOOP CIRCUIT FOR HOMING AND IS IN A WATERPROOF PLYWOOD CASE WITH WEB STRAPS FOR CARRING ON BACK OR FRONT. ALSO COMPLETE WITH TUBES, HEADSET WITH CANVAS BAND, LIP MICROPHONE, TELESCOPING, ANTENNA & 2 CRYSTALS (NO CHOICE) WITH MANUAL. SIZE: 14x10x8½; 11LB PRICE: UNUSED $12.95

VIBRATOR POWER SUPPLY MAB & DAV DESIGNED FOR USE WITH MAB & DAV DESCRIBED ABOVE, OPERATES FROM 6 V DC STORAGE BATTERY NT-6, THAT FITS ON BOTTOM OF P.S. PACK, 6 v 4AMP. (CAN BE OPERATED FROM ANY 6 VDC 4 A. SOURCE) SUPPLIES 1.5 VDC .3 A, -6 VDC .02 A, 67.5 VDC .005 A. 135 VDC .02A. ALSO USED WITH NAVY EQUIP. MU, MV, MW, & MX. SIZE: 6½x3¾x1¾; WT: 2 LBS. NEW $6.95

N-T-6 PLASTIC STORAGE BATTERY FOR ABOVE POWER SUPPLIES 6 VOLT DC 4 AMP. SIZE: 3½x3¾x4¼; WT: 2 LBS. DRY CHARGE BATTERY. SOLD OUT $3.95

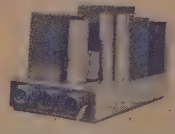
NAVY TCS TRANSMITTER

AM, 1.5 TO 12 MC IN 3 BANDS, 40 WATTS CW, 20 WATTS PHONE, VARIABLE MASTER OSCILLATOR AND 4 CRYSTAL CONTROL PRE SET CHANNELS OVER THE ENTIRE FREQ. RANGE. WITH 3/12A6 TUBES IN THE OSC. AND BUFFER-DOUBLER, 4/1625's MODULATOR AND POWER AMPLIFIER STAGES. ILLUMINATED DIAL WITH VERNIER AND SPIN TUNING, 2½ INCH METERS FOR READING VOLTAGES & R.F. ALL TUNING AND OPERATING CONTROLS ARE ON THE FRONT PANEL. VOLTAGES REQUIRED 12 VDC & 400-440 VDC 200 MA. SIZE: 11⅝x11¼x13¾; 41LB USED $34.50 USED CHECKED FOR OPERATION $44.50



NAVY TCS RECEIVER

AM, 1.5 TO 12 MC IN 3 BANDS, CRYSTAL CONTROL ON FOUR PRESET CHANNEL OR VAIABLE FREQUENCY OVER THE ENTIRE RANGE. AUDIO OUTPUT 1.5 WATTS INTO A 500 OHM LOAD. WITH TUBES 12SK7 RF AMPLIFIER, 12SA7 CONVERTER, 2/12SK7 IF AMPLIFIR 12SQ7 DETECTOR/BFO, 12A6 OSC. & 12A6 AUDIO AMP. IF FREQ. 456. ILLUMINATED DIAL WITH VERNIER & SPIN TUNING. AUDIO GAIN, AVC & BFO CONTROLS. VOLTAGES REQUIRED 12 VDC & APPROX. 220 VDC @ 100 MA. CW PITCH AND OSCILLATOR SELECTOR CONTROLS. SIZE 11⅝x11¾x13¾; 37LB. USED $44.95 USED CHECKED FOR OPERATION 54.95



TCS POWER SUPPLIES

115 V 60 CYCLE (NOT SURPLUS) COMBINATION UNIT FOR RECEIVER, TRANSMITTER & CONTROL 8x7x8x13; 50 LBS. WIRED $50.00

TRANSMITTER ONLY; 5½x6½x9½; 15 LB. " 35.00

RECEIVER ONLY WITH SPEAKER 10x10x6; 15 LB. " 20.00

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 3½x5½x7½; 7 LBS. RE-NEW $9.95

RUBBER SHOCK MOUNTS ONLY EACH $.50

MOUNTING BASE ONLY $1.50 WITH 4 MOUNTS $2.95

NOISE LIMITER CONVERSION KIT W/6H6 TUBE 2.00

TCS CABLES RECEIVER TO POWER SUPPLY $2.75
" " TRANSMITTER TO " " 2.75
PLUGS FOR CONTROL BOX & " " (2) 3.00

TCS ANTENNA LOADING COIL #47205; USED TO MATCH THE OUTPUT OF THE REC/TRANS. TO A WHIP ANTENNA TO OBTAIN THE MAXIMUM PERFORMANCE. OR BY USE OF THE 6 POSITION TAP SWITCH IT CAN BE USED TO MATCH VARIOUS LENGTHS OF STRAIGHT WIRE ANTENNA SYSTEMS. SIZE: 6x9½x6¼; WT: 7 LBS. PRICE: USED $6.95

TCS PARTS

MOST PARTS AVAILABLE, ADVISE US OF YOUR NEEDS.

TCS DUAL DYNAMOTOR POWER SUPPLY

INPUT 12 VDC 14.5 AMP. OUTPUT 440 VDC 200 MA. FOR TRANS. 225 VDC 100 MA. FOR REC., FILTERED INPUT & OUTPUT WITH START RELAY & CONNECTORS FOR CONNECTING REC. TRANS. & CONTROL BOX. RE-NEW SIZE: 12½x7x7½; WT: 35 LBS. PRICE: $14.95

D-401 DYNAMOTOR ONLY FOR TRANS. INPUT 12 VDC 9.9 AMP, OUTPUT 440 VDC 200 MA. RE-NEW $6.95

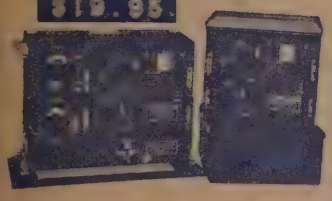
D-402 DYNAMOTOR ONLY FOR REC. INPUT 12 VDC 3.8 AMP. OUTPUT 220 VDC 100 MA. RE-NEW $4.95

## STEPPING SWITCHES

WESTERN UNION AUTOMATIC NUMBERS CONSISTS OF 3 ROWS OF LIGHTS NUMBERED 0-9, 3 STEPPING SWITCHES 6 DECK 11 POSITION, ONE 10 DECK 24 POSITION STEPPING SWITCH, ONE RELAY 4PDT & 4PST, OPERATES 40-48 VDC, MOUNTED ON CHASSIS 4½x7½x13½; WT: 12 LBS. #9701.1A
PRICE: USED $19.95

| STOCK# | POS. | DECK | VDC | PRICE: |
|---|---|---|---|---|
| 770918IP2 | 25 | 10 | 24 | $9.95 |
| 770918IP6 | 25 | 9 | 24 | 8.95 |
| 770918IP1 | 26 | 9 | 24 | 9.50 |
| H77256 | 26 | 5 | 24 | 5.95 |
| PW5011 | 26 | 5 | 12 | 5.95 |
| A326427 | 12 | 10 | 24 | 5.95 |
| A353421 | 12 | 6 | 24 | 3.95 |
| A315174 | 21 | 2 | 12 | 3.95 |
| A215701 | 27 | 6 | 24 | 5.95 |
| B215238 | 27 | 10 | 24 | 9.95 |
| 917722 | 24 | 8 | 30 | 5.95 |
| A262476 | 12 | 8 | 24 | 4.95 |

## BC-223 TRANSMITTER

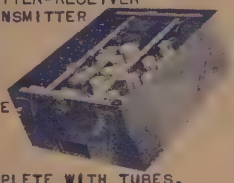



BC-223 TRANSMITTER 25 WATT 2000 TO 5200KC BY USE OF 3 PLUG IN TUNING UNITS, CRYSTAL CONTROL AND VARIABLE OSCILLATOR, FOUR PRESELECTED CHANNELS, USES FT-171 CRYSTAL HOLDERS WITH TUBES 1/801 OSCILLATOR, 1/801 POWER AMPLIFIER, 2/46 MODULATORS, 1/46 AUDIO AMPLIFIER, 2½" METERS, 0-3 R.F & 0-300 VDC MA. VOLTAGE REQUIRED 12 OR 24 VDC & 500 VDC @ 150-200 MA.
SIZE: 18x13x7; WT: WITH 3 TUNING UNITS 100 LBS
PRICE: W/TUBES AND 3 TUNING UNITS WITH CASES FOR 2 TUNING UNITS.. NEW $19.95

| | |
|---|---|
| TU-17 TUNING UNIT 2000-3000 KC. | $3.95 |
| TU-18 " " 3000-4500 " | 2.95 |
| TU-25 " " 4500-5200 " | 2.95 |
| CS-56 CASE FOR HOUSING TUNING UNIT | 1.00 |
| FT-173 SHOCKMOUNTING | 1.95 |
| POWER PLUG CONNECTOR F/TRANS OR POWER | 1.25 |
| PE-135/PP-55 DYNAMOTOR 12/24 VOLT, USED AC POWER SUPPLY | 10.95 |

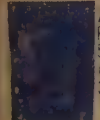
KIT OF PARTS $25.00 WIRED $29.95

COMCO MODEL 278 TRANSMITTER-RECEIVER
275 MC. RECEIVER-TRANSMITTER FOR 6/12/24 VOLT OPERATION. POWER OUTPUT 2-3 WATTS. UNIT IS CRYSTAL CONTROLLED (CRYSTALS NOT INCLUDED). COMPLETE WITH TUBES: 2E26, 5686, 5/6BH6, 12AX7, 2/6AQ5, 6AT6, 3/6BJ6, 6BE6, 2/6AK5, 6AK6. UNIT COMPLETE WITH TUBES, CABLES, SPEAKER, AND CONTROL BOX.
SIZE: 12½x11x5½. WT: 35 LBS.
USED $39.95



## DIVERSITY RECEIVER

DIVERSITY RECEIVING EQUIPMENT PROVIDES A MEANS FOR COMBINING THE OUTPUT OF THREE RECEIVERS TO PRODUCE A SINGLE KEYED AUDIO OUTPUT SIGNAL, FREE FROM NOISE AND OTHER UNDESIRED INTERFERENCE. IT IS SUITABLE FOR USE ONLY IN CW & MCW SIGNALS AND NOT VOICE. THE BAND PASS FILTER IS FOR 600 TO 1200 CYC. AND THE OUTPUT OF EACH RECEIVER IS INDICATED ON THE METERS WHICH ARE 500 MICROAMP. THE AUDIO FREQ. CONTROL CAN BE ADJUSTED FOR THE PROPER BAND PASS. INPUT AND OUTPUT IMPEDANCE IS 600 OHMS. EQUIPMENT OPERATES FROM 115/230 VOLT 50/60 CYC. AND CAN BE RACK MOUNTED. W/TUBES 1/VR-150, 1/6F8, 3/6A6, 2/6SJ7, 1/77, 1/1V, 1/80. SIZE: 21x19x14; WT: 125 LBS.
PRICE: NEW WITH MANUAL $19.95



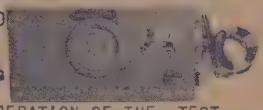
AMPLIFIER, FILTER, POWER SUPPLY. PRINTED CIRCUIT WITH TUBES 2/5840, 1/5678 & 1/6112, SILVER PLATED SHIELDS RESISTORS, CONDENSERS ETC. SIZE: 5x3x3; 2LBS. #1280-779-1385
$1.50

## CALORIMETER

CALORIMETER D-760468IG1 PORTABLE UNIT DESIGNED TO MEASURE THE RF POWER OF X X BAND RADAR. TWO SYSTEMS ARE EMPLOYED, CLOSED CYCLE FLUID FLOW AND ELECTRICIL THE FLUID FLOW IS CIRCULBY AN INTERNAL PUMP WHERE HE RF IS CONVERTED TO HEAT ENERGY, THE OUTPUT IS THEN INDICATED ON THE 4" WATT METER. THE RANGE SELECTOR IS FOR LOW RF 0-100 & HIGH RF 100-400 WATTS. OPERATING VOLTAGE 115 V. 50 - 420 CYCLE. SIZE: 20x15x13; WT: 75 LB. USED (FULL SPECIFICATIONS SENT ON REQUEST) $50.00

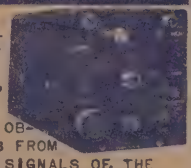
BC-1333 MARKER BEACON RECEIVER 75MC. USED TO RECEIVE SIGNALS FROM ABOVE TRANSMITTER. WHEN SIGNAL IS RECEIVED IT OPERATES A RELAY IN THE RECEIVER WHICH IN TURN CAN BE USED TO OPERATE SIGNALS, LIGHTS, MOTORS, TURN ON EQUIPMENT ETC. VOLTAGE REQUIRED 24VDC. COMPLETE WITH TUBES 1/12SN7, 1/6SH7, 1/6SL7
SIZE: 3x5½x5½ WT. 3LBS. PRICE: USED $2.95

## AIRSPEED INDICATOR



ID-168B/APA-44 AIRSPEED INDICATOR. CONTAINS A KOLLSMAN TRUE AIRSPEED METER AND AN INDICATING DEVICE WITH A RANGE OF 84 TO 434 KNOTS. BY OPERATION OF THE TEST SWITCH THE AIRSPEED SERVO MAY BE MADE TO RUN I DIRECTION OF INCREASING AIRSPEED, IN DIRECTION OF TRUE AIRSPEED, OR TO HOLD THE PRESENT SETTIN FLEXIBLE TUBE CONNECTED TO A TEMPERATURE COMPEN ATING THERMOMETER..JOHN OSTER MOTOR # AV 240 28 VDC. TUBES 1/6AK5W. WESTERN ELECTRIC RELAY D171584. SIZE 15x7½x5, WT. 19 LBS.
USED $5.95 RE-NEW $8.95

## RT-122/APW-11 REC.-TRANS.



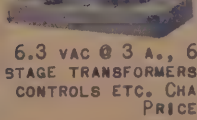
RT-122/APW-11 RECEIVER TRANSMITTER, THIS UNIT CONSISTS OF A TUNABLE RECEIVER CAVITY, A CRYSTAL DETECTOR, A VIDEO AMPLIFIER, DECODING CIRCUITS, A TRANSMITTER AND CIRCUITS FOR OBTAINING AUDIO FREQUENCY TONES FROM THE PULSE POSITION MODULATED SIGNALS OF THE AN/MSQ-1. THE TRANSMITTER CONTAINS CIRCUITS FOR ENCODING THE REPLY BY VARYING THE SPACING BETWEEN THE TWO REPLY PULSES. THE RECEIVER-TRANSMITTER RECEIVES INPUT PULSES TRANSMITTED AT A PULSE REPETITION FREQUENCY OF 410 CYCLES PER SECOND AND A PRESET CARRIER FREQUENCY RANGING BETWEEN 2680 AND 2920 MC. THE REPLY PULSES ARE QUTOMATICALLY TRANSMITTED AT A PRESET CARRIER FREQUENCY RANGING BETWEEN 2700 AND 2950 MC. TUBES: 11/12AT7; 2/2D21; 6AS6; 6AL5 2C40. SIZE: 13x5½x6. WT. 19 LBS.
PRICE: USED WITH TUBES....$14.95
USED LESS TUBES.... 5.95

C-400/APW-11 SELECTOR UNIT FOR RT-122 REC-TRANS. CONTAINS 6 RELAYS 24 VDC SPST NORM OPEN, 15 9 PIN SOCKETS, 1 OCTAL, 6 FILTERS, 1 DPDT SW. RESISTORS CONDENSERS ETC. 5x6x12; 8 LBS
PRICE: USED LESS TUBES $2.95

## SERVO AMPLIFIER

SERVO AMPLIFIER #35866I IN SEALED BLACK BOX CONTAINING SIX (6) TUBES 2/6AL5, 2/6AQ5, 1/6096, 6101, RELAY DPDT, OUTPUT TRANS. COND. RESISTORS ETC.
SIZE: 5x3x4; WT: 4 LBS. USED $1.95

## AMPLIFIER



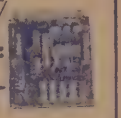
WEBSTER ELECTRIC AMPLIFIER SERVO TYPE: OPERATES FROM 115 VOLT 60 CYCLE, WITH TUBE 3/6SN7, 1/6H6, 1/6SN7 & 1/5T4, POWER SUPPLY OUTPUT 250 VDC 80 MA (UNFILTERED) 5 VAC @ 3 A 6.3 VAC @ 3 A., 6.3 VAC @ 4 AMP. ALSO INTERSTAGE TRANSFORMERS, RESISTORS, CONDENSERS, CONTROLS ETC. CHASSIS SIZE 14x6x1½; WT: 19 LB
PRICE: USED $4.95

## TRANSISTOR BOARDS

THE TRANSISTOR BOARDS LISTED BELOW ARE APPROX. 4½x5½ AND CONTAIN THE PARTS LISTED. $1.25
PRICE: EACH,

#44485-506-11
3/#6111 G.E. TUBES; 2/2N338 SWITCHING AND HIGH FREQUENCY TRANS.; 21/½ WATT RES.; 3/1 WATT RES.; 6/ GLASS DIODES; CAPACITORS: 3/.1 MFD @ 100 VDC; 2/.06 MFD @ 200 VDC; 3/1.5 MFD.-150 VDC TANALUM CAP.

#40085-401-31
2/2N498 4W. SILICON MESA PNP TRANS. 1/2N335 .15W SMALL SIGNAL TRANS. 6/1N540 DIODE 2.5A-400PIV; 4/½ WATT RES.; 3/½ WATT 1% RES.; CAPACITOR: 1/5MFD-150 VDC TANTALUM; 1/7 MFD 100VDC TANTALUM; 1/2MFD-100VDC TANALUM; 1/.1MFD-1000 VDC; 1/.0033MFD 100VDC; 3/.1MFD-100VDC; 1/1000OHM BOURNS TRIMPOT.



#40835-401-11
2/2N498 SILICON MESA PNP-4W; 3/2N335 .15 W SMALL SIGNAL TRANS.; 6/U-282 DIODES; 1/2K BOURNS TRIMPOT; 4/½ WAT RES.; 7/½ WATT 1% RES.; 1/.1MFD-200 VDC CAPACITOR.

#44490-506-11
1/#6021 TUBE; 4/1N251 SILICON SIGNAL DIODE 5MA IV.; 1/1N643 SIBICON DIODE 10MA-200V.; 1/10K BOURN TRIMPO 11/½WATT RES; 2/2WATT RES.; 1/1% RES CAPACITOR: .35MFD-150VDC TANTALUM 1.5MFD-150VDC TANTALUM; .0047MFD -200 VDC; .022MFD-200 VDC; 3/.01-200 VDC; .01-400 VDC; 1 TRANSFORMER

PLUG-IN CIRCUIT BOARDS

K-2405 GROUP MODULATOR WITH CRYSTAL G4CSW, 3 TRANSISTORS, 4 DIODES, 5 CAP. 25 RES. 4 MIN TRANS. ETC. $1.95

K-2402 CHAN 6-E WITH COILS 172 KC, 372 KC, 4 TRANSISTORS, 3 DIODES, 11 CAP. 35 RES. 5 MINI TRANS. 2 FILTERS ETC. $1.00

K-2442-1 REPEATER 5 TRANSISTORS, 3 DIODES, 30 RES. 6 CAP. 2 MINI TRANS. 8 TANT CAP ETC. $1

K-2411 3.7/3.9 SUPPLY 6 TRANSISTORS, 8 MIN. TANT CAP. 27 RES. 5 CAP. 2 MINI POTS & TRANS. $1.25

K-2419 E & M SIGNAL UNIT WITH 8 DIODES, 2 TRANSISTORS, 19 RES. 14 CAP. 2 ELEC. CAP ETC $1.

K-2409 GROUP DE-MODULATOR WITH 1 CRYSTAL, 5 TRANSISTORS, 4 DIODES, 26 RES. 4 MINI TANT CAP, 5 CAP. 3 MINI TRANS, FILTER ETC. $1.50

SIZE: 9x4½x1½; WT: 2 LBS. ALL USED

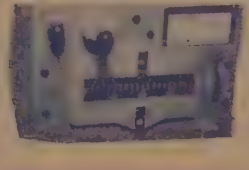
C-1 CONTROL BALLISTICS BOX;

FOR BOMBING NAVIGATIONAL COMPUTER PT#654573; HAS 4 DIALS WITH CONTROLS CONNECTED BY GEARS TO AUTOSYN RESOLVERS SPERRY #6624-28 SIZE 1½x1½ 5 EA. #662426 1½x1½ 2 EA. #5663478 3x2½ 2 EACH. ROTARY BAND SWITCH 4 DECK 10 POS.
SIZE 9x12x8; WT: 20 LBS. $7.95

VIGATIONAL AIR DATA COMPUTER SERVO AMPLIFIERS #SA 118H P.S#107861, 1 TEST ADAPTER, OSITIONERS FOR JUMP ANGLE, TRUE AIR SPEED, DYNAMIC PRESSURE, AIR DENSITY, ANGLE OF ATTACK & MACH.
SIZE: 9x5x17; WT: 40 LBS. USED $18.95

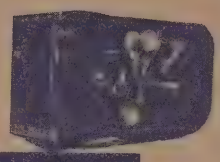
ROTARY INDUCTOR & DIAL 32.7 UH, 43 TURNS 1½" DIA x 2½ LG. COIL, OVERALL LENGTH 2½x2½x7, P/O TCS TRANSMITTER. (SHOULD BE GOOD UP TO 100 WATTS)
WT: 2 LB. #TCS-L108 REMOVED $9.95

VARIABLE CAPACITOR TO MATCH ABOVE ROTARY COIL; 425 MMFD, 3½x1⅛x1⅛ WITH SHAFT. TCS-C116 REMOVED FROM UNITS ..... $2.95



ROTARY INDUCTOR COIL FROM COMMAND TYPE TRANSMITTER, COMPLETE UNIT LESS TUBES, CRYSTAL WITH DIAL, CAPACITORS, 2 VARIABLES ETC. SHPG. WT: 10 LBS BC-457-458 OR EQUIVELENT. USED $4.95

## MAGAZINE



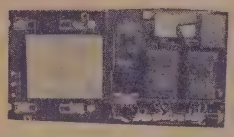
MAGAZINE FOR RADARSCOPE IMAGE RECORDING CAMERA TYPE C-1A FOR THE O-15 CAMERA SYSTEM. WITH 1-3/8 x 3¼" SPOOL.
SIZE: 3⅛x5x9½; WT: 8 LBS.
PRICE: USED $9.95

## MAGAZINE

MAGAZINE FOR RADARSCOPE IMAGE OPTICAL TARGET RECORDING CAMERA TYPE C-7 WITH FILM SPOOL SIZE 1-3/8 x 2⅛.
SIZE: 3½x6x5½; WT: 5 LBS.
PRICE: USED $9.95

CONTROL FOR DURATION TRIPPING PULSE PHOTO CONTROL SYSTEM E-1 VOLTAGE REQUIRED 24 VDC, CONTAI DELCO 24 VDC P.M MOTOR 10,000RB CONNECTED TO A GEAR BOX ALSO A 3 DIGIT ELECTRIC COUNTER WITH MANUAL RESET, 2 - 24VDC RELAYS, START, STOP AND SINGLE EXPOSURE PUSH BUTTON SWITCHES, PILOT LIT & FUSE HOLDER. W/ SCHEMATIC
SIZE: 5⅛x6½x3½; WT: 8 LBS.
PRICE: USED $8.95

CU-128F/U ANTENNA COUPLING UNIT; IMPEDANCE MATCHING UNIT DESIGNED TO PROVIDE EFFICIENT SIGNAL TRANSFER BETWEEN ANTENNA TRANSMISSION LINES OF DIFFERENT IMPEDANCES IN RECEIVING INSTALLATIONS. FREQUENCY RANGE 4 TO 20 MC. INPUT IMPEDANCE 200,250 OR 700 OHMS, OUTPUT IMPEDANCE 70 OHMS. UNIT IS HOUSED IN A WATERPROOF METAL BOX WITH MOUNTING FACILITIES AND MANUAL.
SIZE: 8x4½x7½; WT: SHPG. 15 LBS. RE-NEW $3.95



## AMPLIFIER

AM-142/AIC AMPLIFIER USED IN LARGE AIRCRAFT AS A AUDIO LINE BOOSTER AND MIXER FOR THE INTER COMMUNICATION SYSTEM. INPUT IMPEDANCE 500OHM OUTPUT 600 OHM. OPERATES FROM 24 VOLTS D.C. USES ONE 26A7 TUBE. WITH TUBE & SCHEMATIC.
SIZE: 5x5x2; WT: 3 LBS. PRICE: USED $2.95

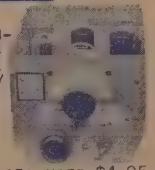
## SERVO AMPLFIERS

SERVO AMPLIFIERS FROM MD-2 ELECTRONIC CONTROL STABILIZTION BOMBING NAVIGATIONAL COMPUTER.

| Part No. | Desig. | Part No. | Desig |
|---|---|---|---|
| 658657 | I H | 656662 | P H |
| 672168 | MAH | 673097 | MDH |
| 658659 | K H | EACH UNIT | |
| SIZE: 3½x3x3; WT: 3LBS. U $2.95 | | | |
| 658658 | J H | 658661 | M H |
| 658660 | L H | EACH UNIT | |
| SIZE: 5x3x3¾; WT: 4 LBS. U $3.95 | | | |
| SEALED UNITS. | CONNECTOR PLUGS | EACH USED $1 | |

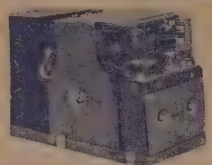
## AMPLIFIER

AM-26/AIC AMPLIFIER; USED IN AIRCRAFT FOR AUDIO INTERCOMMUNICATION. CARBON MICROPHONE INPUT, 600 OHM AND 2000 OHM OUTPUT IMPEDANCE. WITH 2/12J5 & 2/12A6 TUBES. VOLTAGE REQUIRED 24 VDC FOR FILAMENTS AND 250 VDC @ 60 MA. MOUNTING FOR DM-32 DYNAMOTOR 24 VDC. (PAGE 9)
SIZE: 9⅛x5½x5¼; WT: 8 LBS. PRICE: USED $4.95



KY-65/ARA-26 AUTOMATIC KEYER; MOTOR OPERATED 24 VDC, S.O.S CODE WHEEL AND EXTRA WHEEL FOR MAKING OWN CODE, ADJUSTABLE 5-30 SEC. THREE 24 VDC RELAYS, GEAR TRAIN RES. ETC.
SIZE: 6½x3¾x4; WT: 4 LBS. $6.95
CONNECTOR PLUGS, 3 REQ. EACH $1.50

## COMPUTER SYSTEM



AMPLIFIER, ELECTRONIC CONTROL TYPE D-1; CHOPPER SAMPLING TYPE WITH TOROIDAL TRANSFORMERS WITH FEED-BACK LOOPS, 6 VOLT 400 CYCLE CHOPPER, 1/5814 & 1/5751 TUBES, SELENIUM RECTIFIER SUPPLY, RESISTORS, CONDENSERS ETC. W/SCHEMATIC
VOLTAGES REQ. 255VDC, -35VDC, 6.3VAC, 115/400CY
SIZE: 4x6x9; WT: 12 LB. PRICE: USED $4.95

COMPUTER-POWER SUPPLY LA-15 CONTAINS 115 V 400 CYCLE P.S OUTPUT -35VDC & 210 VDC, 3 DECK 25 POS. WAFER SW. 3
POLE 25 POS. WAFER SW. 1
" 12 POS. WAFER SW. 33
PRECISION RESISTORS WIRED TO THE SWITCHES ALSO COND. RECTIFIERS, CONTROL ETC. W/SCHEMATC
SIZE: 6x4x4; WT: 3 LBS. USED $3.95

AMPLIFIER, ELECTRONIC CONTROL TYPE E-1: TORRID COIL TRANSFORMERS, K2701 CHOPPE ERROR SAMPLING & FEED-BACK COMMAND SIGNAL. 1/5751 & 1/5678 TUBE, TRANS. ETC.
VOLTAGE REQ. 255 VDC, -22V, 6.3 VAC & 115V400C
SIZE: 4x6x1½; WT: 2LB. W/SCHEMATIC U $1.95

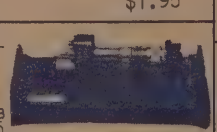
MOUNTING BASE FOR AMPLIFIER ASSY. LA-18; USED WITH CAMERA CONTROL SYSTEM LA-17, HOLDS COMPUTER P.S LA-15, CONTROL AMP. E-1 & D-1 DESCRIBED ABOVE CONTAINS 4 RELAYS 4PDT, SWITCHES FILTER, RESISTORS ETC. ALSO MATTING PLUGS FOR ABOVE UNITS.
SIZE: 13½x5x2; WT: 8 LBS.
$3.50 BASE ONLY, WITH SCHEMATIC
CONNECTOR PLUGS TO FIT BASE ONLY, EACH $2.50
CONNECTOR PLUGS TO FIT UNITS " " 1.00

T-233/URW-3 TRANSMITTER & MODULATOR 65.9 TO 93.8 MC AM WITH 4/815 & 10/12SN7 TUBES. CRYSTAL CONTROL ONE CHANNEL. USED IN AIRCRAFT FOR REMOTE CONTOF DRONE RECEIVERS. OUTPUT APPROX 50 WATTS.
VOLTAGE REQ. 400 VDC @ 400 MA. AND 24 VDC.
SIZE: 8½x16½x16½; WT: 32 LBS. USED $24.95

SA-235/APA-57 CONTROL UNIT HAS A SMALL GYRO CONNECTED TO CONTACT ARM THAT MOVES ACROSS A RESISTANCE CONTACTS WHICH WI WILL GIVE FOUR VOLTAGE READINGS IN RIGHT OR LEFT POSITIONS. ALSO HAS 24 VDC SEALED RELAY 2PDTCLARE SK5235, AMP. THERMAL RELAY 26C8, 7 POS. & 3 POS. WAFER SWITCHES.
SIZE: 10x5x5; WT: 4 LBS. UNUSED $4.95

## WAVEGUIDES

R.F. OSCILLATOR ASSEMBLY P/O R/T-39 APG-5 RADAR SET, 2500 TO 2600 MC. REQUIRE 2C40 & 2C43 & 1B27 TUBES. HAS SPECIAL COAX. FEED LINES FOR UG TYPE CONNECTORS. SILVER PLATED ASSY. NO TUBES OR TUBE CAPS.
SIZE: 9x4x4; 5 LBS. #2C2783 $1.95

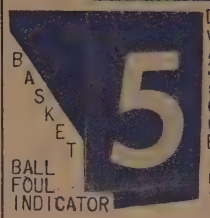


WAVEGUIDE COUPLER ASSY-DUAL DIRECTIONAL. FLANGE SIZE 1-7/8x1-7/8 WAVEGUIDE 1/2x 1-1/8, DUAL GUIDES 9⅛" LG. WITH PRESSURIZING ASSY. 5 LB IBM STK#1280-779-5806 $1.95

FIXED COAXIAL ATTENUATORS

| TYPE | ATT. D.B | OHMS | FREQ. | POWER WATTS | CONN-ECTORS | PRICE |
|---|---|---|---|---|---|---|
| CN-110/U | 10 | 50 | 1-4 KMC | 10 | UG-45/46 | $1.95 |
| CN-111/U | 20 | 50 | 1-4 " | 5 | " " | 3.75 |
| CN-168/U | 3 | 50 | 1-4 " | 5 | " " | 1.95 |
| CN-169/U | 6 | 50 | 1 4 " | 5 | " " | 1.95 |
| DT-76 R.F. BALOMETER FOR ABOVE UNITS | | | | | | 4.95 |

## DIGITAL DISPLAY




DIGITAL DISPLAY: EACH UNIT WILL SHOW NUMBERS 0 TO 9 ALSO $ SIGN 3-3/16" HIGH ON 3½x4 SCREEN THAT CAN BE SEEN FOR QUITE A DISTANCE. OPERATES FROM 6.3 VAC. CAN BE ADAPTED FOR BASKET-BALL FOUL INDICATOR BY PLACING ONE OVER EACH SCORE-BOARD AND HAVE A CONTROL PANEL CONSISTING OF 5 SWITCHES AND TRANSFORMER AT THE SCORER'S TABLE. (WIRING DIAGRAM FURNISED ON REQUEST) CAN ALSO BE ADAPTED FOR USE AS A MOVING READOUT BOARD. SIZE: 3½x5½x11½; WT: 7 LBS.
PRICE: USED $7.95 EACH 2 FOR $15.00

## SPECIAL TUBES

INFRA-RED IMAGE CONVERTER TUBE PERMITS SEEING IN THE DARK WITH LITTLE OR NO VISIBLE LIGHT. THIS IS ACCOMPLISHED BY MEANS OF INFRA RED RAYS WHICH ARE DIRECTED AT THE OBJECT OR AREA TO BE VIEWED. WITH ASSOCIATED ACCESSORIES THIS TUBE CAN BE UTILIZED TO DO THIS PLUS MANY OTHER EXPIEREMENTS CAN BE TRIED IN OTHER AREAS. (DETAILS OF SNOOPERSCOPE SUPPLIED WITH PURCHASE.) SIZE: 1¼x1½; WT: 4 OZ.
PRICE: $1.95 EA. 3 FOR $5.00

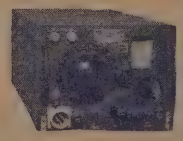
PHOTOTUBE: SIMILAR TO VISTRON R-71, 90 VOLTS. WITH LEADS, SIZE 1½x2½. $1.50
SIMILAR TO VISTRON R-50, 90 VOLTS. WITH LEADS, SIZE 5/8x1½ $1.00
TYPE 923 4 PIN BASE $2.25
TYPE 930 OCTAL " $2.25
LIGHT SENSITIVESWITCH 12 VOLT; AS USED IN MIRROR-MATIC REAR VIEW 35¢ EA. 3 FOR $1.00
GEIGER MULLER TUBE ID-85/2J1-20 $5.95

## SUPER PRO OSCILLATOR

MC-531 CRYSTAL OSCILLATOR KIT FOR BC-779 SUPER PRO. IS DESIGNED TO STABILIZE THE OPERATION OF THE RECEIVER UNDER CONDITION OF VARYING LINE VOLTAGE AND CHANGING AMBIENT TEMPERATURE BY MEANS OF A CRYSTAL OSCILLATOR WHICH PROVIDES FOR CRYSTAL CONTROLLED RECEPTION AT ANY ONE OF THREE SIGNAL FREQUENCIES IN THE RANGE 1.5-20 MC. A 6AC7 IS USED IN A PIERCE OSCILLATOR. VOLTAGES REQUIRED; 270VDC AND 6.3VAC. 1½x4½ IN PANEL WITH CRYSTAL PHASING CONTROL AND CRYSTAL SELECTOR SWITCH. LESS CRYSTALS, W/ TUBE, 6AC7.
SIZE 7x7x3½, WT: 6 LBS. PRICE: RENEW $5.95

SOLD OUT

## AMP RECEIVER

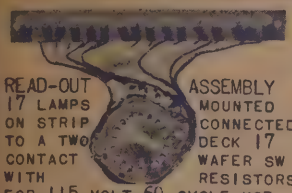


R-34/APR-2 RECEIVER 90-1000 MEGACYCLES, PROVIDES AUTOMATIC OR MANUAL SCANNING THROUGH THE FREQ. RANGE. ALL SIGNALS WITHIN THE RANGE CAN SIMULTANEOUSLY INDICATED VISUALLY ON THE DIAL AND GRAPHICALLY ON THE 1-3/8" SENSITIZED TAPE : TIME AT WHICH SIGNALS APPEAR IS ALSO RECORDED ON THE TAPE; DURING THE SWEEP CYC. WHICH MAY BE SET AT 1.5 OR 5 RPS. AUTOMATIC SWITCHING FOR LOW AND HIGH ANT. VOLTAGE REQ. 26 VDC & 80-120 V 400 TO 2600 CYC. WITH 18 TUBES, 5 ROLLS OF TAPE AND OPERATING INSTRUCTIONS.
SIZE: 21x10½x8; WT: 50 LBS. UNUSED $99.50
MT-171 SHOCKMOUNTING FOR ABOVE RECEIVER $2.75
CONNECTOR PLUG ONLY $1.50 WITH CABLE ...$2.75

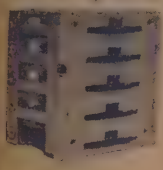
## U.H.F. REC-TRANS.

TRANSMITTER-RECEIVER W/S CDN NO. 29 "B" SET APPROX 230 TO 245 MC. WITH SELF CONTAINED 12/24 VDC POWER SUPPLY. TWO PRESET CHANNELS IN THE FREQ. RANGE. (IDEAL SET FOR LOCAL NETTING. WITH TUBES 4/6AG5 2/6AK6, 2/6C4 & 3/6J6.
SIZE: 4½x8x11; WT: 18 LBS.
PRICE: USED $18.95

WITH COVER



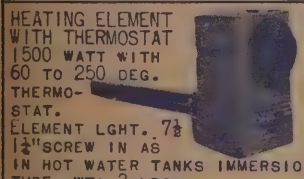
READ-OUT ASSEMBLY 17 LAMPS ON STRIP TO A TWO CONTACT WITH 17 WAFER SW MOUNTED CONNECTED DECK RESISTORS FOR 115 VOLT 60 CYCLE USE. STRIP SIZE 1x7, SWITCH SIZE 2¼" DIA. WT: 6 OZ. #LANS SW-249 RE-MOVED FROM EQUIP. $1.50 EA. 4 FOR $5.0



THUMB-IT WHEEL WAFER SWITCHES NUMBERED 1 TO 10 CAN BE USED SINGLY OR IN BANKS. EACH SECTION SIZE 2⅜ x2x½, PRICE EACH SECT. 75¢ BANK OF FIVE AS ILLUSTRATED SIZE 2½x2⅜x2¼; 4 OZ. #5930-539-6550 $2.95

CIRCUIT BOARDS WITH MINIATURE PARTS AND TUBES, SEVEN DIFFERENT TYPES, PARTS TO MANY TO MENTION, MONEY BACK NOT SATISFIED. GE#773-G1 SIZE: 5½x4½ ALL SEVEN BOARD 1½ LBS. FOR $3.00

REGULATOR AMPLIFIER PLUG-IN UNIT CONTAING FIVE TUBES 2/5703, 2/5744, 1/5783 REASISTOR, CONDENSERS, VOL. CONTROL ETC. SIZE: 4¼x6x2¼ WT: 1 LB. #600654 USED PRICE: 75¢ EA. 2 FOR $1.50



HEATING ELEMENT WITH THERMOSTAT 1500 WATT WITH 60 TO 250 DEG. THERMOSTAT. ELEMENT LGHT. 7½ 1¼"SCREW IN AS IN HOT WATER TANKS IMMERSION TYPE. WT: 3 LBS.

| | | |
|---|---|---|
| #IH-1500W | 1500 WATT | $9.95 |
| #IH-1000W | 1000 " | $7.95 |

HEATING ELEMENTS

HOOKED AND CURVED AS ILLUSTRATION.

THERMOLINK # 2227 120 VOLT 1500 WATT 5½" LONG. $1.00

THERMOLINK #2113 118 VOLT 1000 WATT 4" LONG. $.75

THERMOLINK #2286 120 VOLT 500 WATT 3" LONG. $.50

CHROMALOX S8X134; FLAT STRIP TYPE 1¼"x8", 115v. 150 WATT PRICE: 75¢ EA.

FLAT STRIP HEATER 23⅜"x1¼" 115 VOLT 500 WATT. #2Z5015-24 $1.50

CHROMALOX TUBULAR HG-10.50 115 VOLT 25 WATT 10" LG. X ⅜" DIA. 75¢ EA.

CHROMALOX #SCB STANDARD LIGHT BULB SCREW TYPE BASE 115 VOLT 50 WATT 75¢ EA.
230 " 150 " $1.00 "

CHROMALOX HSW-6 CIRCLE TYPE 6" DIA. OUTSIDE 3½" INSIDE, 118 VOLT 500 WATT. PRICE: $1.50

ELECTRIC IRON ELEMENT, NO SPECS. AVAILABLE, 2¾ x 5¾ WITH WIRING STRAPS, MICA INSULATION. $.50 EA.

VARIABLE CAPACITOR 140 MMF 26 PLATES SCREW DRIVER ADJ. WITH LOCKING NUT, 2½" INCL. SHAFT x 1 x 1⅛. CARDWELL#ZU-140-AS 3D9140V-1 $1.50

VARIABLE AIR CAPACITOR 11 MMF TO 200 MMF, 500 VAC 0.0245 AIR GAP 27 PLATES DOUBLE END SHAFT FOR COUPLING 3½" INCL. SHAFT x 1¼ x 1⅛. HAMMERLUND# MC-200S 3D9200V $1.95

VARIABLE AIR CAPACITOR 6 TO 20 MMF 3 PLATES 0.026 AIR GAP 2½x1⅛x1¾, SHAFT ¼" SLOTTED AND DOUBLE END. HAMMERLUND #MC-20 F/BC654 3D9020V-9 $ .79

VARIABLE AIR CAPACITOR 2.8 TO 8.5 MMF 5 PLATES P/O BC-640 TRANS. #A105262 3D9002VE8 $ .79

VARIABLE AIR CAPACITOR DUAL 6 TO 142 MMF EA. SECT 37 PLATES PER SECT. 4¼" LG INCL. SHAFT x 1W x 1⅛H. HAMMARLUND#HFD-140 #5910-643-9906 $1.95

CAPACITOR VARIABLE AIR 2 SECT. 3 TO 15 MMF PER. SECT. 3000 VOLT PEAK, 9 PLATES PER SECT. 0.070 AIR GAP. SIZE: 1⅜x1⅛x3½; SHAFT ¼x1 CARDWELL ET-15AD 3D9015V-15 $1.95

CAPACITOR VARIABLE AIR 2 SECT. 2.7 TO 75 MMF PER SEC 0.020 AIR GAP 15 PLATES EA. SEC. CRADWELL EU-75AD 3D9075-12.1 $1.95 SIZE: 1-3/8x1-3/8x3¼

CAPACITOR VARIABLE AIR 2 SECT. 2.7 TO 75 MMF EA. SEC 0.020 AIR GAP, 15 PLATES SIZE 1-3/8x1-3/8x3¼, SHAFT ¼x1. CARDWELL EU-75AD 3D9075-12.1 $1.95

CAPACITOR VARIABLE AIR 2 SECT. 2.5 TO 35 MMF PER. SECT. 11 PLATES EA. SIZE 1-3/8 x 1⅜ x 3; SHAFT ¼x1. CARDWELL# ER-35AD #5910-649-2671 $1.95

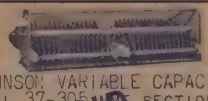
VARIABLE CAPACITOR 100 MMF 34 PLATES, SCREW DRIVER SHAFT ADJ. SIZE 2½" INCL SHAFT X 1 x1⅛. #4460VC-100 59¢

CAPACITOR VARIABLE AIR 5.5 TO 100 MMF 0.015 AIRGAP SCDR ADJ SHAFT. SIZE 2" INC SHAFT x1¼x1 u/w BC-312/342 HAMMARLUND APC-100 27 PLT. 3D291 59¢

CAPACITOR VARIABLE AIR 2.5 TO 9 MMF 0.040 GAP 7 PLATES SCDR ADJ SHAFT, 1¼" INCL SHAFT x1¼x1 P/oRT-77 3D9009V-16 59¢

CAPACITOR VARIABLE AIR 3.5 TO 50 MMF 0.015 AIR GAP SCDR SHAFT, 1¼" INCL SHAFT x 1¼ x 1. P/o BC-659 3D9050V-30 59¢

CAPACITOR VARIABLE AIR DUAL STATOR COMMON ROTOR 3-6 MMF EACH, 0.045 AIR GAP 3 PLATES PER SECT. INSULATED FLATTED SHAFT 1 x ¼; SIZE 1x1⅛x¾ LESS BH.P/O BC-779/794/1004 HAMMARLUND #SA-179 3D9006V-17 79¢



JOHNSON VARIABLE CAPACITOR DUAL 37-305 MMF SECTION, 7000 VOLTS PEAK, CONTINUOUS ROTATION. SIZE 18½x5½x5½; WT: 8 LBS. GEARED DRIVE. JOHNSON#152-504 $9.95 SOLD OUT

JOHNSON VARIABLE CAPACITOR DUAL 470 MMF. 4500 VOLTS, .125 SPACING, SIZE 15x5½x5½ PLUS DOUBLE END SHAFT. JOHNSON#152-516-2, Gov't #3330-058100-254 $9.95

TRANSMITTER VARIABLE CAP. 50-400 MMF. 7000 VOLTS PEAK, SIZE: 16½x6½x6½; WT: 8 LBS. #7765[illegible] SOLD OUT

COMMAND RECEIVER VARIABLE CAPACITOR 3 TO 6 MC. 147 MMF 3 GANG W/TRIMMERS & GEAR ASSY. #4601, 4x3x3 2 LBS. $2.95

PA TUNING CAPCITOR FOR COMMAND TRANSMITTER W/ GEAR TRAIN & DOUBLE END SHAFT. 4x2½x3 WT: 1LB. # C-65/7321 STK.# 2C6397A/C8 NEW $1.95

VARIABLE CAPACITORS 100 WATT SIZE: 4½x2x3 SHAFT 3/8x1/4 WT: 2 LBS. 31 PLATES 1/8SPA T-7660443-P1 19 TO 116 MMF P-7761569-P4 23 TO 111 " M-7463006-1 22 TO 118 " PRICE: EACH $1.95

T-7660443-P7 15 TO 81 MMF 7 PLATES, 1/8 SPACING, SIZE 3x2x2, SHAFT ¼x½; 8oz. $1.00

BC-221 FREQUENCY METER TUNING CAP. WITH GEAR TRAIN LESS DIALS 11.5 TO 160 MMF. 3x3½x5, 2 LBS. $4.75

VARIABLE CAPACITOR 5 SECTION 20-402MMF EA.SEC. 7½x3x3;2LB RE-EQUIP.#3DK9402-3 $3.95

PRESSURE SWITCH; 2 PSI, 115 VAC 10 AMPS.28 VDC 2A. DIAPHLEX #555-113 $2.95

PRESSURE SWITCH; 5 PSI, 28 VOLTS DC 2 AMP. DIAPHLEX #555-3429 $2.95

PRESSURE SWITCH; 20 PSI 28 VOLTS DC 2 AMP. DIAPHLEX #555-2282 $2.95

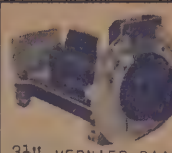
PRESSURE SWITCH; 80 PSI 28 VOLTS DC 2 AMP. DIAPHLEX #555-3430 $2.95

PRESSURE SWITCH; 1-10 PSI 75 PROOF PSI, 28VDC 1 AMP. MELETRON#410E-10DBL-264A $2.95

PRESSURE SWITCH; 700-1000 PSI, 28 VDC 5 AMPS. MELETRON #1514-15-10 $3.95

MANY OTHER TYPES IN STOCK BY OTHER MANUFACTURERS. SEND MANUFACTURERS NO & SPE

MATCHING CONNECTOR PLUGS $1

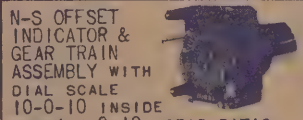


VARIABLE CAPACITOR 13.5-325 MMFD, 500v DC, 43 BRASS PLATES .0245 AIR GAP. WITH 3½" VERNIER DIAL CLEAR PLASTIC WITH MOUNTING W/LIGHT. SIZE: MTG. 5x4x2½; WT: 2LBS. 3D93251.1 P/O BC-1148 PRICE: $3.95

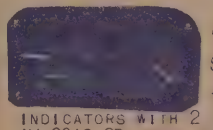
VARIABLE CAPACITOR 14.5-352.7 EACH SECT. 3 SECTIONS 21 PLATES EA. 0.023 AIR GAP 1-5/8" LG INC. SHAFT x 2⅜x 2½. BENDIX #3801 RCC#318 3D9352E7V $2.95

MK-18 GUN-SIGHT GYRO UNIT CONTAINS 2 AUTOSYNS THAT ARE CONNECTED BY A SPRING BELT, ON ONE OF THE UNITS A 1½" MIRROR IS MOUNTED AND ON THE OTHER IS A FREE PIVOTING 2¼" MIRROR. SIZE:3½x3½x5; 3 LBS. USED LESS MIRRORS $1

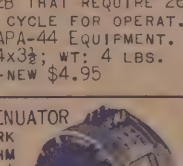
P4-173 COMPUTER LENS ASSEMBLY PART OF THE P4 COMPUTER BOMBING SYSTEM AS USED IN THE B-29 BOMBER. CONTAINS PERISCOPE LENS SYSTEM AND A STRAIGHT LENS ASSY WITH CROSS HAIR ADJUSTMENT AND FILTER SYSTEM. SIZE:13x6x5 PLUS BRACKET. WT: 8LB PRICE: $6.95



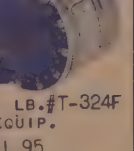
N-S OFFSET INDICATOR & GEAR TRAIN ASSEMBLY WITH DIAL SCALE 10-0-10 INSIDE OUTSIDE 0-10, GEAR RATIO COUPLED TO DIALS 10 TO 1 20,000 OHM MICROPOT 1% ACC. USED WITH APA-44 EQUIPMENT. ASSY#D-153223 USED $1.95



C-1A AZIMUTH AND SIGHTING ANGLE TWO 3" INDICATORS WITH 2 AUTOSYNS AY-201S-2B THAT REQUIRE 26 VOLT 400 CYCLE FOR OPERAT. PART OF APA-44 EQUIPMENT. SIZE:6½x4x3½; WT: 4 LBS. RE-NEW $4.95



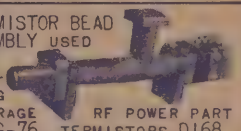
DAVEN ATTENUATOR "T" NETWORK 500/500 OHM 20 STEPS, 1 DB PER STEP WITH DIAL AND KNOB. SIZE: 2¾" DIA. 2" DEEP. WT: 1 LB.#T-324F RE-MOVED FROM EQUIP. PRICE: $1.95



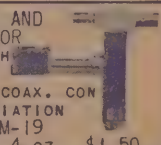
MAGNETIC FOCUSING YOKE WITH 2 MAGNETS MOUNTED IN RING, RING SIZE 2-1/8" DIA. 5/8" W. 1" HOLE, MAGNETS 5/8"x½x9/16 WT: 7 OZ. # MAGNET CIR-7 PRICE: 35¢ 3 FOR $1.00

RF OSCILLATOR TUBE ASSEMBLY PART OF SG-76 PULSE GENERATOR 2650-2950 MC USES 2C40 TUBE 2C40 NOT INCLUDED 3" DIAL FOR VARIABLE TUNING, RF OUTPUT TAKE UG-88 COAX. CONNECTORS RADIATION MODEL 104/UPM-19 SIZE:10"LG x 4"DIA. LG. END WT: 4 LBS. LESS 2C40 $3.95

FREQUENCY READING CAVITY ASSEMBLY PART OF SG-76 PULSE GENERATOR AND USED WITH THE RF OSCILLATOR TO DETERMINE THE FREQ. MORE ACCURATELY AS INDICATED ON THE METER. FREQ. 2650 TO 2950, 3" VERNIER DIAL, TAKES UG-88 CONN RADIATION MODEL #103/UPM-19 SIZE:4x3½; 1½ LB. $2.50



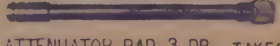
THERMISTOR BEAD ASSEMBLY USED FOR MEASURING AVEARAGE RF POWER PART OF SG-76, TERMISTORS D168 391 & 168392, COAX. CONN. REQ. UG-21. RADIATION MODEL #120/UPM19; SIZE:6½x2½x1 WT: 6 oz. $1.95



VIDEO OUTPUT AND PULSE DETECTOR ASSEMBLY WITH IN-21B DIODE TAKES UG-88 COAX. CONNECTORS. RADIATION MODEL#106/UPM-19 SIZE:3½x4x½; 4 oz. $1.50

COAXIAL SWITCH MANUAL USE 2 POSITION, TAKES UG-21 COAXIAL CONNECTORS. THOMPSON MODEL CON2CA/UPM1S SIZE:2½x3 LESS SHAFT & KNOB $2.95

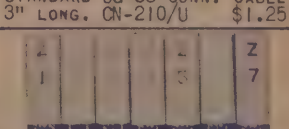
ATTENUATOR VARIABLE IS CALIBRATED -30 TO -50 DBM CALIBRATION IS IN PEAK POWER WITH-IN 1 DB. WITH 2" DIAL TAKES 2 UG-21 COAX. CONN. RADIATION MODEL #105/UPM19 SIZE:3½x1½x1½; WT: 4 oz. $2.50



ATTENUATOR PAD 3 DB, TAKES UG-21 ON ONE END AND HAS A UG-21 TYPE PLUG ON THE OTHER,8 INCHES LONG. GE#7507543P8 $1.95

ATTENUATOR 50 OHMS 10.6DB STODDART#90520-11, TAKES UG-21 TYPE CONN. EACH END. LENGHT 3". $1.95

ADAPTER UG-188/U (WHICH IS A UG-21 TYPE PLUG) TO A STANDARD UG-88 CONN. CABLE 3" LONG. CN-210/U $1.25



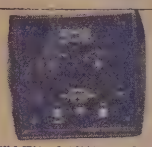
AUDIO OSCILLATOR NETWORKS FOR USE WITH 12AU7 TUBE.

| | | | |
|---|---|---|---|
| Z1 | 73.2 CPS | Z5 | 183.0 CPS |
| Z2 | 91.5 " | Z6 | 244.0 " |
| Z3 | 122. " | Z7 | 410.0 " |
| Z4 | 144.5 " | | |

EACH CAN SIZE 1-5/8x1-3/8x 3½; WT: 2 OZ. RADIATION UPM-Z (THEN NO.) PRICE: EACH $1 ALL 7 $5.00

GENERATOR (ANGLE TRANSMISSION) ROTOR 2 PHASE 24 VOLT, STATOR 2 PHASE 20.6 VOLT 400 CYCLE. PART#BGC-15-DS-10; SIZE 1½x2½ NOT AVAILABLE.
GENERATOR INDUCTION, 24 VOLT 400 CYCLE
EASTERN AIR DEVICES#J2GM07-40 $2.95
TRANSMISSION GENERATOR MFG. ARMA, TYPE 03TG-400X1, DWG#93054 $2.95
AUTOSYN RESOLVERS
AY22IS-3-B 400 CYCLE, ROTOR 2 PHASE 26 VOLT, STATOR 2 PHASE .11.8 V. BENDIX 1.95
AY-123D BENDIX SAME SPECS AS ABOVE 1.95
SERVO CONTROL MOTOR MFG. BY OSTER, 115 V. 400 CYCLE NO LOAD SPEED 5000 RPM. TORQUE 1.45 OZ. IN. $2.95
RESOLVER MFG. BY CLIFTON PART#BSC-15DS ROTOR 2 PHASE 0.5-16 VOLT, STATOR 0.5-16 VOLT 400 CYCLE. $2.95
RESOLVER TRANSMISSION GENERATOR, JOHN OSTER TYPE 15-4042-06, DWG.#C45 $2.95
RESOLVER MFG. BY ARMA, TYPE 03X1-400 DWG.#93001. $2.95
RESOLVER MFG. BY OSTER TYPE 15-4042-04 $2.95
AUTOSYN DIFERENTIAL
AY-165-A3 400 CYC, 3PHASE 11.8-3PHASE 1 - 1 RATIO. BENDIX 1.95
AY- 232S-3B BENDIX SAME SPEC. AS ABOVE 1.95
AY- 231S-3B-8 " " " " " 1.95

2J1HI SELSYN DIFFERENTIAL GENERATOR NORMALLY OPERATES FROM 57.5/57.5 VOLTS 400 CYCLE BUT WILL OPERATE FROM 36 VOLT 60 CYCLE AS SHOWN IN WIRING DIAGRAM ON PAGE 31. SIZE:2½x4½; WT: 8 OZ.
PRICE WITH CONNECTOR CAPS..... $3.95



I-196 SIGNAL GENERATOR 160 TO 220 MC USED TO CHECK LF & HF BANDS OF IFF SETS. DRY BATTERY OPERATION USES ONE 957 ACORN TUBE VARIABLE FREQ. & TONE CONTROL, PILOT LIGHT, ON/OFF SW. ETC. HOUSED IN WOOD CASE WITH CANVAS COVER. SIZE:8½x8½x14; WT: 10 LBS. REQUIRES 1.5 & 135 VDC. NEW $2.95

OS-29/UPM-4A PRECISION SYNCHROSCOPE EMPLOYING A THREE INCH CATHODE RAY TUBE. THE SWEEP OF THE CRT CAN BE TRIGGER EXTERNALLY OR INTERNALLY AND CAN BE DELAYED WITH EITHER TRIGGER. THE SWEEP DURATION AND, WHEN INTERNALLY TRIGGERED, THE SWEEP FREQ. CAN BE CONTROLLED. THE INPUT SENSITIVITY OF THE VIDEO AMPLIDIER CAN BE VARIED IN SIX STEPS FROM 0.2-20 VOLTS PER INCH OF VERTICAL DEFLECTION. THE UNIT CONTAINS HIGH VOLTAGE POWER SUPPLY, BUT REQUIRES THE FOLLOWING VOLTAGES FOR OPERATION 300v,-27v,425,105v. NORMALLY SUPPLIED BY POWER SUPPLY PP-802/UPM-4A, NOT AVAILABLE. SIZE: 22x19x10. WT: 50 LBS.
RENEW- $34.95.....USED- $22.95

## AZIMUTH INDICATOR

ID-260/GRD AZIMUTH INDICATOR CONTAINS THE PHASEMETER WHICH PROVIDES THE BEARING INDICATION, AS WELL AS A NEON LAMP, 2" C.R. TUBE & SPEAKER. THE NEON LAMP & CR TUBE SHOW WHETHER OR NOT A DF SIGNAL IS PRESENT IN THE SYSTEM. HAS 2BP1 OSCILLOSCOPE SYSTEM WITH CONTROLS ON THE FRONT PANEL, 5" AZIMUTH PHASEMETER SELSYN TYPE INDICATOR & 3" SPEAKER. WITH TUBE 1/6AL5, 2/12AU7, 2/6AQ5, 1/12AX7, 2/6AU6, 1/2D21, 2/5Y3 & 1/0A2. OPERATES FROM 115 V. 50/60 CYC RACK MTG. 19x10½x12; WT:50 LBS. USED $29.50

## RADAR FREQUENCY AMP.

R-9 RADAR FREQUENCY AMP. USED TO INCREASE OUTPUT OF TEST EQUIPMENT IN 2750-2950 MC RANGE. POWER APPROX. 6 WATTS FROM 2C40 TUBE. CONTROLS FOR POWER AND FREQUENCY. COMPLETE WITH TUBES 2C40; 6AN5; 5687; 12AT7; 2X2; 2/0A2; 0B2; 2/5Y3; 6PQ6; SIZE: 10½x17½x20. WT. 43LBS.
PRICE: $19.95

TS-452 SIGNAL GENERATOR 5-100Mc BY THE USE OF PLUG IN COILS, PROVIDES A CONSTANT SINE-WAVE RADIO FREQ. VOLTAGE 60-100 TIMES PER SECOND. THE TRAVELING DETECTOR PICKS UP THE SIGNAL TO BE TESTED WHICH IS AMPLIFIED AND APPLIED TO THE PLATES OF THE CR TUBE. THE MOST FREQUENTLY USED CONTROLS FOR THE SIGNAL GENERATO INCLUDING THE OSCILLATOR, WAVEMETER, VERTICLE AMPLIFIER AND NINE STEP ATTENUATOR ARE ON THE FRONT PANEL, ADDITIONAL CONTROLS ARE PROVIDED THROUGH THE DOOR ON THE TOP OF THE CASE.
SIZE: 19x9¾x16; WT: 60 LBS.

PRICE: USED SERVICEABLE $75.00

BLOWER FOR TRANSMITTER COOLING; 115 VOLT 50/60 CYCLE 125 CFM, 1/32 HP. 1750 RPM MOTOR, CAPACITOR START, 6½"LG.x5¾"WD.x6½"H. INTAKE 3" OUTLET 2.20" PEDESTAL MOUNTING 1⅛" x 4", SHPG. WT:10LB W/CAP. STK# B-201 RE-MOVED$6.95

SELSYN SYNCHRO TRANSFORMER #78386 TYPE XV, 115 VOLT 60 CYCLE, SIZE 5¼ x3½, SHAFT 1¼x¼; 5 LBS. UNUSED$5.95

---

SYNCHRONOUS TRANSMITTER TYPE VIII 50 VOLT 50 CYCLE 1 PHASE, SIZE 5¼x 3½, SHAFT 1¼x¼ WITH ADAPTER. 6LBS. PART #5578411 PRICE: NEW $8.95

RECEIVER TORQUE SYNCHRO 23TR4 115/90 VAC 400 CYCLE, TWO UNITS MOUNTED ON FRAME WITH NUMBERED DIALS 0-100 & 0-1000, SYNCHRO SIZE 4x2x2 PRICE USED $15.00 PR.

| | | | |
|---|---|---|---|
| 23TR4 | RECEIVER 115/90 V. 400 CYC. | USED | $7.95 |
| 23TX4 | TRANSMIT 115 V. 400 " | " | 7.95 |
| 23CT4 | CON. TRANS. 115 V. 400 " | " | 7.95 |
| 23RS4A | RESOLVER 90/90 V. 400 " | " | 7.95 |
| 23CX6 | TRANSMIT 115/90 V. 60 CYC. | NEW | 10.00 |
| 23CX6 | " " " " " | USED | 7.00 |
| 23CT6 | TRANSFOR 90/IV PER DEG 60CY. | " | 7.00 |

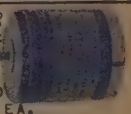
DAYSTROM TRANSICOIL CONTROL MOTOR 115 VOLT 60 CYCLE, 1 PHASE, 2 PHASE 200 VOLT CT., 3200 RPM. SIZE 2½ X 2, SHAFT SIZE 1/16 x 1/2 WITH GEAR.( REMOVED FROM NEW EQUIP.)PRICE: $5.00

TS-239 OSCILLSCOPE GENERAL PURPOSE INSTRUMENT FOR TESTING RADAR & COMMUNICATION EQUIPMENT. DISPLAYS A LUMINOUS PLOT OF TIME-VARING VOLTAGE PULSE OR WAVE ON A 3" CR TUBE. SINE WAVE OF 10 CYC TO 5 MC ARE OBSERVEABLE.
INPUT IMP. 300M OHMS W/30 MMFD CAP. SIGNAL INPUT SCOPE ONLY .1 TO 100 VOLTS PEAK.
OUTPUT TRIGGER PULSE + 25 V. 4 MICROSEC. DUR
FREQ. RANGE 1 CYC TO 3 MC. PULSE DISPLEY .2 TO 5M MICRSEC. INTERNAL SQUARE WAVE 150 CYC PER-SEC.ADJ. .1 TO 1 VOLT. ALSO 75 VOLT SQ. WAVE. SENSITIVITY .1 VOLT PRODUCES STAND. DEFLECTION W/MAX. AMPLIFICATION.
CONTROLS & CONN. ON FRONT PANEL. SIX STEP MULTIPLIER EXTENDS RANGE 300 TIMES.
SWEEP ADJ. .1 TO 50M MICROSEC.
POSITIVE OR NEGATIVE POLARITY. WITH USE OF PROBE INPUT IMP. MAY BE INCREASED TEN TIMES WITH LOSS OF SENS. AND INCREASE IN VOLTSGE TO 450. WITH TUBES 3/6AK5, 2/6AG7, 2/6C4, 8/7F8 1/6AL5, 2/6SN7, 1/VR-105, 2/6X5, 1/5R4 & 1/3JP1
SIZE:21½x16½x13½: WT: 75 LBS.
PRICE: USED CHECKED $69.50 NOT CHECKED$55.00

DESICCATOR PUMP TEST FIXTURE: CONSISTS OF AIR FLO-SCOPE INDICATOR WITH 4" MAGNEHELIC METER 0-8 INCHES OF WATER AND PRESSURE CONTROL VALVE ALSO TWO 3" SQUARE METERS 0-50 VDC 500 OHMS PER VOL AND 0-5 AMP METER, RHEOSTAT, SW, PILOT LIGHT ETC. UNIT IS HOUSED IN METAL CARRING CASE 21x13x6; WT: 25 LBS.
PRICE: USED $14.95

# SYNCHRO SELSYNS

SYNCHRO GENERATOR SPERRY PT#R5663642 MFG. BY BENDIX FOR IBM. SIMILAR TO BENDIX OPERATES FROM 26 VOLTS 400 CYCLE SINGLE PHASE WHEN USED IN CONJUNCTION WITH BENDIX # AY-201 SYNCHRO CONTROL TRANSFORMERS IT WILL OPERATE UP TO 20 UNITS. WILL ALSO OPERATE FROM 6 VOLT 60 CY. WITH A SLIGHT LOSS. SIZE:2½x2½; SHAFT 1/16x½; WT: 12 OZ. PRICE: NEW $2.95 2 FOR $5.00

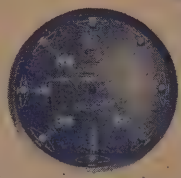


AY-201 SYNCHRO CONTROL TRANSFORMER MFG. BY BENDIX, KETAY, CLIFTON ETC ROTOR 1 PHASE 26 V 400 CYC. STATOR 3 PHASE 11.8 V. SIZE: 1⅝x1⅝, SHAFT ⅛x1/16; WT: 3 OZ PRICE: RE-MOVED FROM EQUIP. $1.95 EA.

SELSYN TRANSFORMER DIEHL #812732 115 VOLT 400 CYCLE. CAN BE OPERATED ON 60 CYCLE WITH CAPACITOR. RE-MOVED FROM EQUIPMENT. SIZE:2½x2½x2½; 3 LB. $2.25

BC-788C RECEIVER-TRANSMITTER ALTIMETER, PULSE TYPE, TRANSMITTER OUTPUT 50 WATTS. FIXED FREQUENY 440 MC. WITH TUBES 3/6J6, 1/6L6, 9/6AG5 AND 1/5Y3GT OPERATES FROM 115 VOLT 400 TO 2400 CYCLE. SIZE:15½x9x8; WT: 13 LBS. PRICE: USED $18.95

## INDICATOR



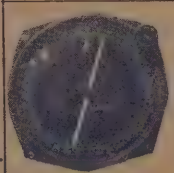
ML-117 INDICATOR, WIND DIRECTOR AND SPEED. UNLIMITED WIND SPEED RANGE INDICATED BY ONE LIGHT, 0-360 DEG. WIND DIRECTION RANGE INDICATED BY 8 LIGHTS, FLASHING LIGHTS OR BUZZER INDICATORS, INTERRUPTED CURRENT ACTUATED, 110 v 60CY OR 6.8 VDC. (THIS IS ONLY THE INDICATOR, REQUIRES OTHER PARTS FOR OPERATION)FREIZ ITEM #18-1475. SIZE:9½x4; WT: 24 LBS. PRICE:RE-NEW $12.95

GENERAL ELECTRIC SELSYN CONTROL TRANSFORMER MODEL NO. 2J15N1 57.5-57.5 VOLTS 400 CYCLE. SIZE: 2x2x2: 1 LB. NEW $4.95

MD-5B/APS-3 MODULATOR FOR SUPPLYING POWER TO RT-10/APS-3 TRANSMITTER CONVERTER IN PULSED FORM TWO MICROSECOND 350 CYC. ONE MICRO-SEC. 700 CYC. WHICH IS RECEIVED FROM THE RECEIVER-AMPLIF OPERATES FROM 115 v. 400 CYCLE. W/TUBES 3/3B24, 1/3B26, 1/829B & 1/715. SIZE:17½x15½x17½: WT: 95LB. USED $50.

| | | |
|---|---|---|
| R-18/APS-3 RECEIVER-AMPLIFIER | USED | $39.50 |
| PP-12/APS-3 RECTIFIER | " | 29.50 |
| C-20/APS-3 AZIMUTH CALIBRATOR | " | 5.95 |
| MX-10/APS-3 DUMMY INDICATOR | " | 3.95 |

MD-16/TPS-3 MODULATOR, RADAR TYPE P-3E EMISSION, RESONAT CHARGING SYSTEM THRU TYPE E LINE THAT IS DISCHARGED THROUGH SPARK GAP & PULSE TRANSFORMER, 500 OHM INPUT, 8 KV OUTPUT, 200 PULSES PER SEC., 1.2 SEC. DURATION. WITH TUBES 2/705 & 1/1B32-532. OPERATING VOLTAGE 115 V. 400 CYC. SIZE: 12½x14½x11; 125 LB
PRICE: RE-NEW $16.95



I-82A 5" INDICATOR

I-81A 3" INDICATOR

I-82A INDICATOR 5" ILLUSTRATED TO LEFT ABOVE 0-360 DEGREE SCALE CONTAINS A MATCHING AUTOSYN MOTOR TO BE USED WITH THE LP-21LM LOOP. OPERATES FROM 26 V 400 CYC.(60CYC SEE BELOW)
I-81A INDICATOR 3" ILLUSTRATED TO RIGHT ABOVE 0-36 DEGREE SCALE CONTAINS A MATCHING AUTOSYN THAT WAS USED WITH THE LP-21LM LOOP. OPERATES FROM 26V 400 CYC.(60 CYC. SEE BELOW)

| | | |
|---|---|---|
| I-82A INDICATOR 5" | USED | $7.95 |
| I-81A INDICATOR 3" | USED $3.95 RENEW | $4.95 |
| PL-118 CONNECTOR PLUG FOR INDICATORS | | 2.50EA |

# Clearance

EQUIPMENT OFFERED AS USED SERVICEABLE, NOT CHECKED FOR OPERATION.
IF NOT SATISFIED EQUIPMENT CAN BE RETURNED FIVE DAYS AFTER YOU RECEIVE IT PROVIDING YOU PAY FREIGHT CHARGES BOTH WAYS.
BUY NOW AS QUANTITIES ARE LIMITED

BOONTON SIGNAL GENERATOR AM/FM No. 202B 54-216Mc $195.00

BOONTON UNIVERTER No. 207A, FREQ. EXTENDER FOR 202B SIG. GEN.
207A $75.00
207E (RACK) 85.00

SOLD OUT
DUMONT 404 PULSE GENERATOR $60.00

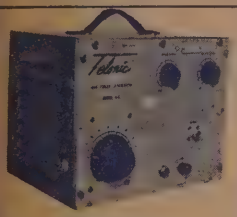
SOLD OUT
PANALYST 3B-8B T-200 INPUT CENTER FREQ. 500Kc 5" CR/PS-8B $100.00

TEL-INSTRUMENT 1212 RF WOBULATOR 13 CHANN $50.00

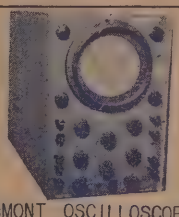
AIRBORNE INST. TYPE74 NOISE FIGURE INDICATOR $75.00

TEKTRONIC 180S2 TIME MARK GENERATOR $75.00

AD-YU 205 B-1 PHASE DETECTOR w/VTD 15-400 Mc. $100.00



TELONIC S-3 UHF SWEEP GENERATOR CAL. 14-82 $35.00



DUMONT OSCILLOSCOPES
303A 5" CR $75.00
303H 5" CR $85.00
274A 5" CR $95.00

BERKLEY 5558 EPUT METER 6 DIGIT $125.00

SPERRY MICROLINE 31A2 PEAK POWER METER 0-300 MILLIWATTS $60

## HEWLETT PACKARD

| | | |
|---|---|---|
| 524A | COUNTER FREQ. .01HZ-10MFZ 6DIGIT | $275 |
| 415A | SQUARE LAW DETECTOR | 65 |
| 325 | NOISE DISTORTION ANALYZER | 75 |
| 300A | HARMONIC WAVE ANALYZER 30CYC-16KC | 200 |
| 200B | AUDIO OSCILLATOR 20 TO 20,000 CYC | 50 |
| 400 | VACUMM TUBE VOLTMETER | 40 |
| 500 | FREQUENCY METER 10 TO 50,000 CYC | 75 |
| 212A | PULSE GENERATOR | 100 |
| 205AG | AUDIO OSCILLATOR 20 CYC-20,000CYC | 100 |

## BOONTON RADIO CORP

| | | |
|---|---|---|
| 62 | VACUMM TUBE VOLTMETER | 45 |
| 275 | I.F. CONVERTER | 35 |
| 78FM | SIGNAL GENERATOR | 40 |

FERRIS

| | | |
|---|---|---|
| 22A | SIGNAL GENERATOR 85KC TO 23 MC | 75 |
| 20A1 | MICROVOLTER | 65 |

## KAY-ELECTRIC

| | | |
|---|---|---|
| I.F | MARKA-SWEEP 9 CRYSTAL MARKERS | 75 |
| RF-P | MARKA-SWEEP TV CHAN. SEL. 2-13 | 85 |
| KILO | MARKA-KILO-SWEEP .1-2MC | 85 |
| | MARKA-SONA-SWEEP | 65 |
| 150B | MARKA-SWEEP VIDEO | 40 |
| | MEGA-NODE NOISE DIODE | 40 |
| 860D | VARI-SWEEP(LESS PLUG-IN) | 40 |

## TEL-INSTRUMENT

| | | |
|---|---|---|
| 1900 | MULTI-FREQUENCY GENERATOR 10 RANGES | 50 |
| 2120 | RF PICTURE GENERATOR | 60 |
| 2000 | BAR & DOT GENERATOR | 60 |
| 1500A | WOBBULATOR | 65 |
| 1902A | AM-FM GENERATOR | 75 |
| 1200A | WOBBULATOR | 60 |
| 1000 | TELE- ADAPTER | 50 |

## MEASUREMENTS CORP.

| | | |
|---|---|---|
| 84TV | SIGNAL GENERATOR 300 TO 1000 MC | $175 |
| 84TVR | " " 400 TO 1000 MC | 185 |
| 444 | " " 300 TO 1000 MC | 150 |

## GENERAL RADIO

| | | |
|---|---|---|
| 720A | FREQ. METER 100-200MC HARMONICS 10-3000MC. BATTERY OPERATED | 75 |

## SYLVANIA

| | | |
|---|---|---|
| 132 | OSCILLOSCOPE 7" TUBE | 75 |
| 400 | " 7" TUBE | 100 |

## POLYTECHNIC RESEARCH

| | | |
|---|---|---|
| 904 | NOISE GENERATOR VHF-UHF | 95 |

## CANADIAN RESEARCH

| | | |
|---|---|---|
| RM-6A | BREAKDOWN TESTER 900V TO 2500V | 75 |

## GOV'T TEST SETS

| | | |
|---|---|---|
| AN/UPM-11 | RADAR RANGE CALIBRATOR 8600-9600 Mc WITH WAVEGUIDE FITTINGS, HORN & CABLE. | $50.00 |
| AN/UPM-35 | ANALOG COMPUTER TEST SET FOR USE WITH SERVOMECHANISMS AND RESOLVER DRIVERS. | $40.00 |
| AN/UPM-25 | RADAR TEST SET, 8500-9600 Mc. USED TO MEAS. TRANS. FREQ. POWER OUTPUT & SPECTRUM, REC. SENSITIVITY, MAGNETRON PULL ETC. SIMILAR TO TS-147 SIGNAL GENERATOR. | $40.00 |
| AN/UPM-40 | RADAR RANGE CALIBRATOR 23.5 TO 24.5 KILO Mc. WITH WAVEGUIDE ADAPTERS & HORN. | $65.00 |
| AN/UPM-41 | TEST SET USED FOR EVALUATING I.F & VIDEO SEC. OF INDICATING SYSTEMS. CONTAINS SIGNAL GENERATOR 27 TO 33 Mc. AND 3" SCOPE, METERS ETC. | $60.00 |
| AN/URM-11 | AN/ARC-33 TEST SET | $20.00 |
| AN/GPM-17 | TRANSPONDER TEST SET | $75.00 |

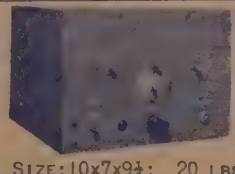
## VOLTAGE REGULATED POWER SUPPLIES

LAMBDA VOLTAGE REGULATED POWER SUPPLIES 105-125 V 60 CYC, RACK MOUNTINGS

| | | |
|---|---|---|
| C-28 | 200-325 VDC @ 100 MA 6.3VAC 3A | $25 |
| C-281M | 125-325 VDC @ 200 MA AND 6.3 VAC @ 10 A. WITH METERS. | $50 |
| C-480M | 0-200 VDC @ 400 MA. AND 6.3 VAC @ 15 A. WITH METERS. | $60 |
| C-1580M | 0-200 VDC 1.5A AND 6.3 VAC @ 15 A. WITH METERS. | $75 |

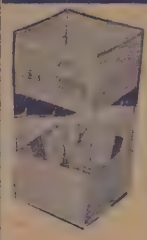
SORENSEN

| | | |
|---|---|---|
| 560 BB | 150/500/600 VDC @ 500 MA. 6.3 VAC @ 10 A. WITH 4x4½ IN METERS. CABINET TYPE. | $60 |

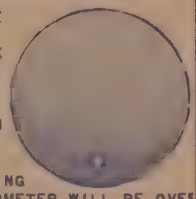


FREQUENCY STANDARD TEST EQUIPMENT LABORATORY MODEL 501 BY HALLICRAFTERS. FREQUENCIES 4 Mc 100 Mc AND 1000 Mc, WITH OR WITHOUT MODULATION. POWER REQUIRED 115 VOLT 60 CYCLE.
SIZE: 10x7x9½; 20 LBS. USED $30.00

## RESCUE TRANS ACCESSORIES



M-357/CRT-3 BOX KITE; COLLAPSIBLE TWO PIECE, MEASURES 17x17x36 INCHES WHEN ASSEMBLED AND IS USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN A WIND IS BLOWING IN VELOCITIES OF FROM 7 TO 40 MILES PER HOUR. THE CLOTH OF THE KITE IS MOISTURE-REPELLENT AND THE FRAME IS ALUMINUM. INSTRUCTIONE FOR ASSEMBLY AND USE ARE PRINTED ON THE CLOTH.
COLLASPED SIZE 19x4; WT : 2 LBS.
PRICE: $4.95



M-278 BALLOON; USED TO RAISE THE ANTENNA OF THE CRT-3 RESCUE TRANSMITTER WHEN LACK OF WIND DOES NOT PERMIT THE USE OF THE M-357 KITE. THE BALLOON IS MADE OF NEOPRENE AND SUPPLIED IN A CAN WITH A KEY FOR OPENING. WHEN INFLATED BY MEANS OF THE HYDROGEN GENERATOR AND INFLATING TUBE, DESCRIBED BELOW, THE DIAMETER WILL BE OVER 4 FEET. HAS 2 CORD LOOPS FOR ATTACHING ANTENNA AND RUBBER CORK STOPPER. SHPG. WT: 2 LBS.
PRICE: $4.95

M-278 BALLOON WITH M-315 HYDROGEN GENERATOR AND INFLATING TUBE.....$10.00

M-315 HYDROGEN GENERATOR; USED TO INFLATE THE M-278 BALLOON. COMES IN A STEEL CYLINDER FILLED WITH LITHIUM HYDRIDE; OPERATED BY IMMERSION IN WATER; KEY AND TONGUE ON EACH END FOR OPENING CYLINDER. REQUIRES INFLATING TUBE FOR USE WITH BALLOON.
SHPG. WT: 8 LBS.

| | | |
|---|---|---|
| M-315 | HYDROGEN GENERATOR ONLY..... | $6.95 |
| M-315 | " " INFLATING TUBE | 1.50 |

W-147/CRT-3 ANTENNA WIRE; CADMIUM-COPPER ALLOY 16 STRANDS X .040 MAX. DIA. 65 LB. TEST 306 FT. LG. WOUND ON SPOOL 2½x2½. SHPG: WT: 1 LB $2.95

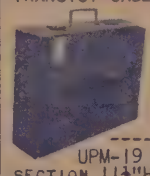
M-308 SIGNAL LAMP LIGHT ASSEMBLY; 24 VOLT LAMP IN BAKELITE BASE WITH CLEAR POLYSTYRENE SHIELD WITH WEB STRAPS FOR STRAPPING TO HEAD. SIZE 3x2½ w/95" CORD FOR PLUGGING INTO TRANS. 4 OZ. $1.50

M-390 PARACHUTE; YELLOW NYLON 12 FT. DIAMETER, 40 LB. CAPACITY, 16 NYLON SHROUDS 11 FT. LG. USED TO DROP RESCUE TRANSMITTER AND ACCESSORIES. UNUSED, NOT IN DROP PACK. SHPG. WT: 2 $9.95

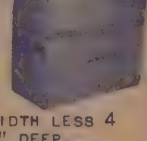
T-74/CRT-3 TRANSMITTER WITH ACCESSORIES $75

## TRANSIST CASES

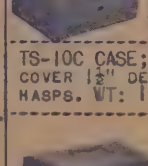
TRANSIST CASES; ALUMINUM USED GOOD CONDITION. MEASUREMENTS ARE FOR INSIDE.



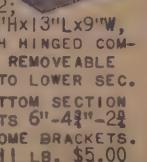
MX-1309 CASE 14½"Hx18½"Lx2½" BOTTOM SECTION COVER 1⅝" DEEP, 1¼" COMPARTMENT ACROSS BOTH SEC FITTED WITH FOAM FOR SPEC. USE. HINGED COVER, WITH HASPS. WT: 18 LBS. $5.00



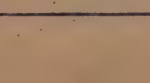
UPM-19 CASE 1 OF 2; BOTTOM SECTION 11½"Hx15"Lx7⅞"W, COVER 2" DEEP, WITH HASP FASTENERS. WT: 11 LB. $5.00



TS-730 CASE; HINGED COVER WITH HASPS. 12⅝"Hx13½"Wx9½"D, WIDTH LESS 4 GUIDES 10½, COVER 1" DEEP. WT: 10 LB. $5.00

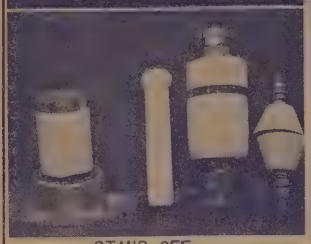


TS-10C CASE; 10½"Hx15½"Lx6½"D, COVER 1½" DEEP. HINGED COVER AND HASPS. WT: 13 LB. $5.00



UPM-19 CASE 2 OF 2; BOTTOM SECTION 6½"Hx13"Lx9"W, COVER 3" DEEP WITH HINGED COMPARTMENT ½" DEEP, REMOVEABLE TRAY THAT FITS INTO LOWER SEC. 1" AND TOP 2" BOTTOM SECTION HAS 3 COMPARTMENTS 6"-4¾"-2⅝ SPOT WELED ALSO SOME BRACKETS. HASP FASTERNERS. 11 LB. $5.00

## INSULATORS



STAND-OFF
STK#TM-1016SO; DIA. 1⅝", 4" LONG, ¼-20 THREAD, 3¾" MTG. 2 LB. PRICE: $3.50

STK.#3G1300-8002; DIA. 1", 5" LONG, ¼-20 THREAD, 3/8" DEEP. 1LB. $2.50

STK.#3G1300-128; 1¼" DIA, 8" LONG, ¼-20 THREAD, 3/8" DP. 2⅝" IN. MTG. 1½LB. $3.50

STK.#INS.1014; FEED-THRU 4" LONG ⅜" HOLE, 7/8 DIA. WITH NECK. PRICE: 25¢

STK.#3G2001-6 ; FEED-THRU 6' IN.⅜" HOLE, 9/16 DIA. NO NECK. PRICE: 35¢

STK.#INS.#1015; FEED-THRU BRASS BOLT 6¼" LONG X 1/2" W/NUTS, SPLIT INSULATOR FOR ⅜" THICK MOUNTING WITH CORK WASHERS, OVERALL LGTH 3¾x2, WT: 2LB. $2.50

STK.#3G584 IN-84 FEED-THRU CONICAL SHAPE, 5" LG. O/A; 2 CONICAL SHAPED 1-1/8 LG. X1⅛ DIA. AT BOTTOM, 1" AT TOP, 1/4" DIA. ROD WITH 1/4 20 THREAD WITH NUTS/WASHERS ½LB. 25¢ EA. 5 FOR $1.00

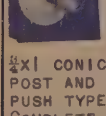
SIMILAR TO ABOVE CONICAL BOTTOM INS. 3/4x3/4x1⅛; TOP ⅝x1-1/8x1⅛; 3/16 BOLT 3" LG W/NUTS & WASHERS. 1/4 LB. 35¢ EA. 3 FOR $1.00
STK#IN-1017

3G138-20.11 RIDGED CONICAL 2" BASE,⅝" TOP, 1⅛" LONG, PUSH SPRING TYPE BINDING POST ON TOP, WHICH CAN BE REMOVED AND BOLT INSERTED. ½ LB. 35¢ 3 FOR $1.00

STK.#IN-1018 CONE INSULATOR SIZE 1x2x5/8, 10/32 SCREWS EA. END. ¼ LB. 35¢ EA. 3 FOR $1.00

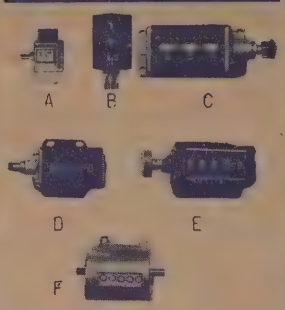
STK.#CBJ61023 ENTERING INSULATOR, CERAMIC 2⅜x2, CADIUM PLATED MOUNTING RING 3¼" WITH 6 MOUNTING HOLES, GASKET, 4" 1/4-20 THREAD BRASS BOLT WITH NUTS. 1/2LB 39¢ EACH 3 FOR $1.00

SPREADER INSULATORS
#IN-1020; 4"LGx3/4 DIA 2⅝" HOLE CENTERS. 25¢EA. 5/$1
#IN-1021; 12"LGx3/4, 10" HOLE CENT. 45¢ 3 FOR $1.25



ART-13 TRANSMITTER ANTENNA INSULATOR PANEL; 1 EA. 3½x4 OBLONG WITH 2 ISOLATED SPRING TYPE BINDING POST, ONE/ ⅝x1 CONICAL INS. WITH PUSH POST AND ONE ½x3/4 INS. W/ PUSH TYPE BINDING POST. 1LB COMPLETE ASSY. $1.00

## COUNTERS




A. 3 DIGIT COUNTER. 1/8" SHAFT. EACH NUMERAL 1/8 IN. SIZE: ⅝x⅜x½. STK#CBSH334 $ .75

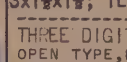
B. 3 DIGIT COUNTER. FOR VERTICAL MOUNTING. 3/8 IN. GEAR ON SHAFT. EACH NUMERAL 1/8". 1½x¾x1-1/8 STK#CBSH173 $ .79

C. 3 DIGIT COUNTER WITH BEVELED GEAR 2⅜x1½x1½. NUMERALS ½x¼IN. STK#CBSH177 $1.00

D. 3 DIGIT COUNTER W/DIGITS 10THS, ONES, TENS. 100 THS DIGIT REMAINS 0. 1/8 IN. NUMERALS. 2x1½x1 STK#CBSH9030 $ .75

G. THREE DIGIT COUNTER WITH BEVEL GEAR OPEN FRAME BACK, LEFT DRIVE. SIZE 1x3/4x3/4, MTG. MASK 1½x1. STK#G32163 $.50

F. 5 DIGIT COUNTER W/3/16 IN SHAFT EXTENDING ¾" AT EACH END. 99999-0 DESCENDING ONLY. 1/8" NUMERALS. 1⅝x1½x1⅝ STK#CBSH00000 $1.00



THREE DIGIT COUNTER, GEAR ON END OF 1 IN. SHAFT. 3x1⅛x1½; 1LB. #RIX-D $1.00

THREE DIGIT COUNTER OPEN TYPE, BEVEL GEAR STK.#773 $.50

### TELEPHONE JACK STRIPS

#4C4426-14 TWENTY JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J-2. KEL#261 $2.50
#4C4322-25 TEN JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2-1A; $1.95
#4C4426.11 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J-2, NUMBERED 0-19 $2.50
#4C4436.92-2 TWENTY JACKS 3 CONDUCTOR, CONTACT ARRANGEMENT J2, NUMBERED 20-39. KELLOG #369 $2.50
#4C4692.2 TEN JACKS 3 CONDUCTOR CONTACT ARRANGEMENT J2 WECO#92 TYPE139 $1.95

3G1830-67076 ENTERING INSULATOR, BOWL 4-3/8" HIGH, 6-15/16 AT BASE, 11⅛" ROD 3/8 BRASS WITH NUTS, MOUNTING RING 3 SEC. 8-3/4" DIA. W/ 6- HALF INCH NUTS & BOLTS 2⅛" LG., BELL CAP 6" DIA. 10 LBS. $5 EA. 3 FOR $12.00

## MICRO SWITCHES

SPDT; 1EA2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1¼" DIA. 1 3/8"HIGH. .30

DPST; 40B10094, NORMALLY OPEN. LARGE, SPRING-LOADED LEVER PLUNGER. 2¼"x⅝"x1". .60

SPST; WHBT349A-1, NORMALLY OPEN. LEVER PLUNGER. 2"x1" x5/8". .30

SPDT MICRO V3-54, 1 NO. OP OTHER NO. CL. ¼A. 125VDC 10A. 125AC. 5/8x3/8x1-1/8 STK#PS852-V3-54 $.60

SPDT GE#2332911 1 NO. OPEN 1 NO. CLOSED. 1⅛x½x5/8 STK#PS904G-2332911 $.60

DPDT; MS25008, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. EXTENDED BUTTON PLUNGER. 2⅛"x2"x1" $1.50

SPDT; YZ-3RLTC2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. STRAIGHT LEVER PLUNGER. 2"x7/8"x11/16". .25

SPST; WZ-RTC2, NORMALLY CLOSED. PIN PLUNGER. 2"x⅝" x½". .35

SPDT; BZ-3R-A2, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 2"x1" x⅝". .30

SPDT; 2MD3-1A, ONE SIDE NORMALLY OPEN, THE OTHER CLOSED. PIN PLUNGER. 1 5/8"x⅝"x¼". .45

SPST; 2MC3-1A, NORMALLY CLOSED. PIN PLUNGER. 1 5/8"x⅝"x⅜". .45

SPST; SW-186, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x⅝"x5/8". .25

SPST; G-RS, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x ⅝"x5/8". .40

SPST; MO7-102T, NORMALLY OPEN. EXTENDED PIN PLUNGER. 2"x⅝"x5/8". .40

SPST; WZ-RS9, NORMALLY CLOSED. EXTENDED PIN PLUNGER. 2"x⅝"x5/8". .40

## KNIFE SWITCHES

SWITCH SW-223 DPDT HEAVY DUTY 1" SQ. x2⅜" STAND OFFS. 8x4x3; 5LB #3ZK8223 $2.50

SWITCH SW-224; SIMILAR TO THE ABOVE SW-223 BUT SPST 2Z8224 $1.50 SOLD OUT

DPST PORCELIAN KNIFE SWITCH BY RODALE 123. 2¼"x1⅛"x1". KNSW04 .35

SPST KNIFE SWITCH. BASE 1¼" LONG. ⅝" HIGH. BAKELITE. KNSW01 .25

SPDT KNIFE SWITCH. BASE 1¼" LONG. ⅝" HIGH. BAKELITE. KNSW02 .35

DPST KNIFE SWITCH. BASE 1¼" LONG. ⅝" HIGH. BAKELITE. KNSW03 .35

## PUSH SWITCHES

ONESIDE SPST NORMALLY OPEN, THE OTHER SPST CLOSED. 1A/125 PSW001 .35 SOLD OUT

SPST NORMALLY OPEN; 3A/250. PSW002 .35

DPST NORMALLY OPEN; 3A/250. PSW003 .35

DPST NORMALLY OPEN; 1A/250. PSW004 .35

SPST GOLD-FINISHED DOORBELL NORMALLY OPEN; 1 5/8" DIA. HARDWARE INCLUDED. PSW005 .35

DPST INTERLOCK, NORMALLY OPEN. (3Z9825/254) PSW006 .35

SPST PULL SWITCH, NORMALLY OPEN. PSW007 .35

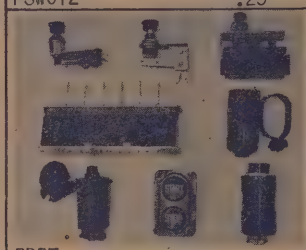
SPST NORMALLY CLOSED; CASING AS GROUND; ¼" SCREWS REQUIRED FOR MOUNT. PSW008 .35

SPST NORMALLY OPEN; .75/125 PSW009 .35

SPST NORMALLY OPEN. PSW010 .35

SPST NORMALLY OPEN. PUSH-IN MOUNT REQUIRES 5/8" HOLE. PSW011 .25

SPST NORMALLY OPEN. 3NC5-5P PSW012 .25



DPDT PUSH-LEVER SWITCH. PSW013 .50

DPST PUSH-LEVER SWITCH. NORMALLY OPEN. PSW014 .50

DPST NORMALLY OPEN. PSW015 .50

FIVE-PUSH SWITCH 2PST NORM. CL. 1PST NORM. OP. 1PDT. 5x3x1 #PSW5022 $1.00

SIX-PUSH SWITCH; FIVE ARE SPST NORMALLY OPEN, THE OTHER DPST AND DPDT ON THE OPPOSITE SIDE. 4⅝"x2⅜" PSW017 $1.00

SPST PUSH-LEVER SWITCH. 3 5/8"x⅜"x⅜". PSW022 .35

SPST NORMALLY CLOSED MICROPHONE SWITCH. COVER AS GROUND, WITH MOUNT. PSW019 .75

SPST NORMALLY OPEN START-STOP DOUBLE SWITCH. #401. PSW020 $1.00

4PST NORMALLY OPEN SA-26/U MICROPHONE SWITCH. 1¼" DIA. PSW021 $1.00

EIGHT PUSH SWITCHES DPST NORM. OPEN AUTO RELEASE. PUSH SW. RELEASES ALL SPST NO.CL. 5x2x1½; #855-151 $1

CHAFF DISPENSER CONTROL BOX AND 24 VDC 5 DIGIT DECLINING COUNTER 2 DIGITS AT A TIME ALSO 12 POSITION WAFER SWITCH. LESS DIAL LAMPS $ TOGGLE SWITCH. 6x4x3; 2LBS. $1.95

## SWITCHES

AIRCRAFT TYPE SWITCH TWO HOLE MOUNTING FIG. #1

| CIR | CON | RATING | NO | PR |
|---|---|---|---|---|
| SPST | NEW | 5A/125 | B-5A | .25 |
| SPDT | NEW | 15/125 | B-9-A (ABOVE SW. CENTER-OFF) | .35 |
| SPDT | NEW | 15/125 | 3022-7 (ABOVE SW. CENT-OFF MOM. B.S | .35 |
| SPDT | NEW | 15/125 | B-1B | .30 |
| DPST | REM | 30/125 | C-1 | .40 |
| DPDT | NEW | 20/125 | 3023-10 | .55 |
| DPDT | NEW | 30/125 | C-3 (ABOVE SW. MOM. BOTH SIDES, CENTER-OFF) | .75 |
| DPDT | NEW | 5A/125 | SW5125 (ABOVE SW. CENTER-OFF; HOLE MOUNTING ⅜" DIA.) | .65 |
| 3PST | NEW | 15/125 | SW3115 (ABOVE SW. MOUNTED ON "ON-OFF" PLATE 2"x2 7/8"; FOUR 1/8" SCREWS REQUIRED) | 1.25 |
| DPDT | REM | 15/125 | ST52P (ABOVE SW. CENTER-OFF; IRON CASE MOUNT FOR LINEAR OPERATION 2⅜"x1⅜"x1¼") | .50 |
| DPDT | NEW | 15/125 | BARKELEW (ABOVE SW. MEASURES 5"x6⅛"x 1¾"; FOUR SCREW MOUNTS FOR 1/8" SCREWS) | $2.50 |

## TOGGLE SWITCHES

TOGGLE SWITCHES SINGLE HOLE MOUNTINGS: CONDITION NEW & "REM" RE-MOVED FROM EQUIPMENT, ALL GUARANTEED.

| CIR | CON | RATING | NO | PR |
|---|---|---|---|---|
| SPST | REM | 6A/125 | SW-105 | .20 |
| SPDT | REM | 15/125 | ST42G (CENTER-OFF, MOM. BOTH SIDES | .40 |
| DPST | NEW | 10/250 | 8829K4 (ABOVE SW. MOMENTARY) | .50 |
| DPST | NEW | 3A/125 | CH7590 | .35 |
| DPST | REM | 15/125 | ST50-K | .45 |
| DPST | REM | 5A/125 | 8822K1 | .35 |
| DPST | REM | 10/250 | CH3545 | .40 |
| DPDT | REM | 6A/125 | SW6125 | .30 |
| DPDT | REM | 5A/125 | ST22R | .35 |
| DPDT | REM | 15/125 | ST52P (CENTER OFF) | .40 |
| DPDT | REM | 15/125 | ST52N | .35 |
| 3PST | NEW | 15/125 | SW3115 | 1.00 |
| 3PDT | REM | 10/250 | ZA0494 | 1.00 |
| 4PST | REM | 10/125 | 7661K5 | 1.00 |

## LEVER SWITCHES

TELEPHONE TYPE LEVER SWITCH

ONE SIDE: MAKE 11; BREAK 1 OTHER SIDE: MAKE 6 #5930-392-1273 $ .40

1 BREAK 2 MAKE BOTH SIDES 1 SIDE MOMEN. #70806 75¢

1 SIDE 8 BREAK 8 MAKE 4 MAKE OTHER 1 BREAK #SW-BC1323 RE-MOVED 60¢

6 BREAK 6 MAKE #HAC4803 "

1 SIDE 2 MAKE OTHER SIDE 2 BREAK 2 MAKE SW-EE-2 35¢

TCK#404 GE#P7763503-2 50¢ 1 SIDE DPDT NC & DPST NO.

## PUSH-TO-TEST

PUSH-TO-TEST INDICATORS. DOUBLE LAMP HOLDERS WITH MINIATURE BAYONET BASE. 2⅜"x1⅛"x⅝". KORRY ST-260 SCREW TERMINALS OR TYPE 260 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
POWER - AIR CONDITIONING-
IGNITER- POWER SUPPLIES-
ERECTOR- 100% LIQ OXY
PRICE: $2.00EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET SINGLE LAMP HOLDER. 2⅜"x⅝"x⅝". KORRY ST-136 SCREW TERMINALS OR TYPE 136 WITH SOLDER TERMINALS. AVAILABLE WITH THE FOLLOWING INSCRIPTIONS:
LOW - OVERLOAD -
MALF.- POWER ON
PRICE: $1.25EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. RED 7/16" DIA. SMOOTH JEWEL. 0" TO ¼" SURFACE CLEARANCE. REQUIRES ⅝" HOLE TO MOUNT. 1 5/8" LONG. USED.
VM-500-2 $.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE SCREW BASE. ½" DIA. CARAMEL-COLOR COVER. 0" TO ¼" SURFACE CLEARANCE. REQUIRES 11/16" HOLE TO MOUNT. 1 15/16" LONG. NEW.
6210-617-0946 $.59EA

PUSH-TO-TEST INDICATOR WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2 5/8"x1 11/16' x5/8" WITHOUT LAMP COVER. COVERS NOT AVAILABLE. NEW. KORRY TYPE 261 WITH SOLDER TERMINALS
PRICE: $1.00EA

INDICATOR LIGHT WITH MINIATURE BAYONET DOUBLE LAMP HOLDER. 2½"x1⅛"x⅝". INSCRIBED WITH "CHECK FULL RPM" OR A BLANK. NEW. KORRY TYPE 204 SOLDER TERMINALS.
PRICE: $.75

BULLS EYE PILOT LIGHTS
DULL FINISHED BRASS, BAYONET BASE, AND 0" TO ⅛" SURFACE CLEARANCE. ALL USED. LESS BULBS. PRICE: $.39EA
A. 2Z6125-22 RED-RIBBED 1" JEWEL. CANDELABRA, DOUBLE CONTACT BASE. 2⅝"x1¼
B. PIL001. 7/16" CLEAR JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8"x7/8".
C. LH50BR4. 11/16" DIA. RED JEWEL. SINGLE CONTACT MINIATURE BASE. 2 1/8"x7/8".
D. LH62BY2. ½" DIA. AMBER JEWEL. SINGLE CONTACT MINIATURE BASE. 2¼"x1".

PILOT LIGHT JEWELS

RED, FACETED, ½" DIA. JEWEL. SCREWS INTO 11/16" DIA. HOLE OF DESIRED ASSEMBLY.
TYPE 81 $.15 EA.

SMOOTH RED JEWEL ½" IN DIAMETER. SCREWS INTO A ⅜" ASSEMBLY.
SERIES F $.15 EA

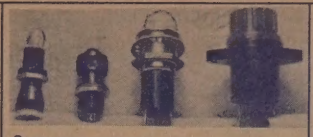
LARGE 5/8" FACETED AMBER JEWEL. SLIPS OVER BRACKET 7/8" IN DIAMETER. HAS ALSO MOUNTING HOLES FOR 3/32" SCREWS.
2Z5368/1 $.15 EA

3/8" DIA. WHITE SLIP-IN LAMP CAPS FOR SWITCHBOARDS. (NOT PICTURED) SLIPS INTO 3/8" HOLE.
4C1971 $.15 EA 100/$10

SUB-MINIATURE PILOT ASSEMBLY. 5/16" AMBER FACETED JEWEL FIT INTO BRACKET WITH AN OPENING OF 5/16". REQUIRES DOUBLE TERMINAL PLUG-IN OR SOLDER-IN NEON LAMPS. 1" LONG AND 1" HIGH.
PIL010 $.15 EA 8/$1.00

## MINIATURE LAMPS

| STK# | TYPE | V. | A. | BASE | BULB | EA. | PKG. 10 |
|---|---|---|---|---|---|---|---|
| 2Z5950 | LM-50 | 2 | .25 | min sc | G-6 | .20 | .75 |
| 2Z5950 | 511 | 2 | .25 | min sc | G-6 | .20 | .75 |
| 6B521 | LM-21 | 110 | 400 | MED. SC | G-30 | .50 | 4.00 |
| (LM-21 P/O SIGNAL LAMP EQUIPMENT EE-80) | | | | | | | |
| 6240-6594 | LM-41 | 110 | 6W | CAN | SC #8 | .20 | 1.50 |
| 2Z5877-29 | | 6.8 | .25 | CAN- SC | G-6 | .20 | .75 |
| 2Z5878 | 43 | 2.5 | .5 | min bay | T-3¼ | .20 | .75 |
| 8870-775 | | 150 | | CAN/SC | 6S6 CL | .20 | 1.00 |
| 2Z5954 | LM-54 | 105-125 | | LEADS | T-2 | .20 | .75 |
| 6240-153 -6509 | 1826 | 18 | .15 | min bay | T-3¼ | .25 | 1.00 |
| 6Z6812-5 | LM-45 | 12-16 | .61 | CAN/BAY | G-6 | .20 | .75 |
| 6240-7125 | S-14 | 55 | 5W | MED SC | S-14 | .25 | 2.00 |
| DE EVRY494(RED) | | 125 | 25W | CAN SC | T-6 | .25 | 2.00 |
| 2Z5889-11 | NE-26 | 115v. | | cand bay | G-6 | .35 | 3.00 |
| PC90615C | | 12 | | MIN SC | G-3½ | .15 | .75 |
| 6240-408 -3394 | 386/5 | 115v. | | dc bay | T-4½ | .25 | 1.75 |
| | 502 | 5 | .15 | #4F cell | min sc | .20 | .75 |
| 6Z6812-6 | STANDARD LAMP | 12 | VOLT | FROSTED | | .35 | 3.00 |
| | PR-10 | 6 | .5 | #5D cell | min bay | .20 | .75 |
| 2Z5938 | NE-15 | | | min bay | | .25 | 2.00 |
| 2Z5891 | NE-34 | 105-125 | 2W | MIN SC | S-14 | .50 | 4.00 |
| (NE-34 STRIKING V. 60 AC TO 85DC INT. RES.3500) | | | | | | | |
| 6Z6827 | LM-30 | 27 | 1 | CAND BAY | T-8 | .20 | 1.00 |
| | NE-2 | 1/17 amp | | 2F slide base | | .10 | .75 |
| | 4C5491-K1 | | | K1 slide base | | .10 | .75 |



SUB-MINIATURE NEON PILOT LIGHT ASSEMBLY. FLUTED 5/16" DIA. CLEAR JEWEL. BASE IS FEMALE PART FOR A THREE PRONG PLUG WITH 1/16" DIA. HOLES IN ISOSCELES TRIANGLE PATTERN. MOUNTS IN 3/8" HOLE. 0" TO 3/8" SURFACE CLEARANCE. 1 3/8"LONG. INCLUDES BULB. USED. 110v.
PIL007 $.25 5/$1.00

SINGLE TERMINAL AND CONTACT SUB-MINIATURE DIMMER PILOT LIGHT. MECHANICAL DIMMER VARIES SIZE TO COMPLETE DARKNESS. REQUIESS T-1¾ BULB. 5/16" DIA. SMOOTH RED JEWEL. MOUNTS IN 7/16" HOLE. 1 3/8" LONG. LESS BULB. NEW.
6210-643-4087 $.59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. CLEAR STOVEPIPE, SMOOTH 5/8" DIA. JEWEL. MOUNTS IN 11/16" HOLE. SURFACE CLEARANCE IS 0" TO 3/8 2 1/8" LONG. LESS BULB. USED.
PIL008 $.39

ALL PLASTIC PILOT LIGHT. SINGLE CONTACT, MINIATURE SCREW TYPE BASE. RED FLUTED, COVER-LIKE JEWEL ⅝" IN DIAMETER. NEEDS ⅝" HOLE. SURFACE CLEARANCE OF 0" TO ⅝". THERE IS NO ADJUSTING INSTALLATION DEPTH BY A NUT TWO 3/32" SCREWS ARE NEEDED TO ANCHOR LIGHT. 1¾" LONG. LESS BULB. USED.
PIL009 $.39

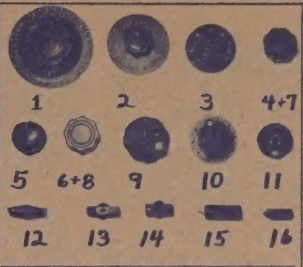
PILOT LIGHT WITH A SINGLE CONTACT, CANDELABRA SCREW BASE. LARGE 1" DIA. RED JEWEL FACETED ONLY AT THE EDGE. REQUIRES 1" HOLE AND HAS SURFACE CLEARANCE OF 0" TO ½". 2 3/8" LONG. LESS BULB. UNUSED.
PIL002 $.59

PILOT LIGHT WITH SINGLE CONTACT, CANDELABRA SCREW TYPE BASE. 1" DIA. RED-FACETED JEWEL. MOUNTS IN 1" HOLE WITH SURFACE CLEARANCE OF 0" TO ½". 2⅝" LONG LESS BULB, UNUSED.
PIL003 .59

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. ½" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 5/8" HOLE WITH A SURFACE CLEARANCE OF 0" TO ¼". 2 1/16" LONG. LESS BULB, UNUSED.
PIL004 .49

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. RED, WHITE, OR VIOLET JEWEL. 15/16" HOLE REQUIRED; SURFACE CLEARANCE 0" TO 5/8". 2¼" LONG. LESS BULB, USED.
PIL012 .35 3/$1.00

PILOT LIGHT WITH SINGLE CONTACT, MINIATURE BAYONET BASE. 1" DIA. SMOOTH, GREEN JEWEL. MOUNTS IN 15/16" HOLE WITH A SURFACE CLEARANCE OF 0" TO ¾". 2 3/8" LONG. LESS BULB, UNUSED.
PIL013 .49




## FLUTED KNOBS

2-3/8" FLUTED KNOB W/3" SKIRT, BRASS INSERT FOR ¼" SHAFT GR#9682 $1.00

2-3/8 FLUTED KNOB W/2-7/8 SEMI SKIRT, INSERT FOR ¼" SHAFT. GR#9566 $1.00

1¼" DIA. FLUTED KNOB WITH REMOVABLE 3" DIAL WITH MARKING 34L-0-34R. BRASS INSERT FOR 3/16 DIA. SHAFT.
KNBN002 $.25

1" DIA. FLUTED KNOB WITH 2½" NON-LINEAR CALIBRATED DIAL. BRASS INSERT WITH ¼" DIA. HOLE.
KNB003 $.25

1⅛" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR ¼" SHAFT.
KNBN004 EA $.25, 5/$1.00

1⅛" DIA. FLUTED KNOB WITH SKIRT AND POINTER. BRASS INSERT FOR ¼" SHAFT.
KNBN005 $.25

1⅛" FLUTED KNOB WITH BRASS INSERT FOR ¼" SHAFT.
KNBN006 $.25

1" DIA. FLUTED KNOB WITH POINTER, BRASS INSERT FOR ¼" SHAFT.
KNBN007 $.25

1" DIA. FLUTED KNOB WITH BRASS INSERT FOR ¼" SHAFT.
KNBN008 $.25

ALL THE ABOVE KNOBS ARE OF SET SCREW TYPE.

## SPIN KNOBS

2" DIA. METAL FLUTED SPIN KNOB FOR 5/32" SHAFT.
KNBN009 $.79

1⅛" DIA. FLUTED SPIN KNOB WITH CALIBRATED 2¼" DIAL, 0-100 IN 360. METAL INSERT FOR 3/8" SHAFT.
KNBN010 $.59

METAL SPIN KNOB 1 5/8" DIA. TO BE ATTACHED TO ANOTHER KNOB OR DISK BY THREE SCREW. CONVERTS KNOB TO SPIN KNOB.
KNBN011 $.20

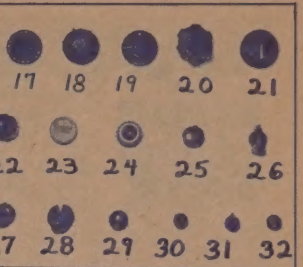
## MINIATURE KNOBS

PLASTIC PUSH-ON TYPE KNOB ⅝" DIA.X ⅜" HIGH. FITS ¼" SHAFT, WITH MODIFICATION.
KNBN029 4/$.25

METAL KNOB 5/8" DIA.X½"HIGH FITS 1/8" SHAFT. TWO SET SCREWS.
KNBN030 4/$.15

BAKELITE KNOB WITH POINTER 5/8" DIA.X 3/8" THICK. FOR ¼" SHAFT. SET SCREW.
KNBN031 2/$.25

5/8" DIA. BAKELITE KNOB 3/8" THICK FOR¼" SHAFT. SET SCREW TYPE.
KNBN032 2/$.25




## BAR TYPE KNOBS

BAR TYPE BAKELITE KNOB FOR ¼" SHAFT. 1¾"x⅝"x5/8". SET SCREW TYPE.
KNBN012 $.25

BAR TYPE BAKELITE KNOB FOR ¼" SHAFT WHICH MUST BE TAPED FOR SET SCREW. 1⅜"x⅝"x5/8".
KNBN013 $.25

RECTANGULAR BAR TYPE BAKELITE KNOB 1¼"x⅜"x5/8". WITH BRASS INSERT FOR ¼2 SHAFT. SET SCREW TYPE.
KNBN014 $.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR ¼" SHAFT TAPED FOR SET SCREW. 2"x⅝"x⅜".
KNBN015 2/$.25

BAR TYPE BAKELITE KNOB WITH POINTER. FOR 1/8" SHAFT TAPED FOR SET SCREW. 1½"x5/8"x⅛".
KNBN016 $.25

BAKELITE BAR TYPE KNOB 1"x ⅜"x⅜" ON 1⅜" REMOVABLE DIAL FOR ¼" SHAFT. SET SCREW.
KNBN017 $.25

1¾" DIA. METAL KNOB FOR ¼" SHAFT WITH TWO SET SCREWS. FINGER GRIPMKNOB FOR HEAVY SWITCHING APPLICATIONS.
KNBN018 2/$.35

1⅝" DIA. PLASTIC KNOB WITH BRASS INSERT. BAR TYPE FINGER GRIP FOR SWITCHING. USE WITH ¼" SHAFT.
KNBN019 $.25

1⅜" BAKELITE KNOB FOR USE WITH ¼" SHAFT. USED FOR APPLICATIONS WHERE EXTRA GRIP IS REQUIRED. 1⅜" HIGH.
KNBN020 $.25EA. 5/$1.00

3/4" RIBBED KNOB 7/8" DEEP 1" SKIRT F/¼" SHAFT DULL BLK.KNB7820 35¢

5/8"x3/4" SAME AS ABOVE BRIGHT BLK.KNB1261 20¢

BAKELITE INSTRUMENT KNOB 1" DIA. 1" HIGH. BRASS INSERT FOR ¼" SHAFT AND SET SCREW.
KNBN022 $.25

1½" KNOB MARKED "INCREASED OUTPUT". ¼" HOLE WITH SET SCREW. ⅜" THICK, METAL.
KNBN023 $.25

1½" PUSH-ON KNOB FOR ¼" SHAFT, W/MODIFICATION, BROWN
KNBN024 2/$.25

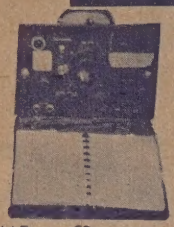
BROWN BAKELITE 1" DIA. KNOB KNURLED SHAFT OF ¼". ⅜"HIGH.
KNBN025 2/$.25

BAKELITE POINTER KNOB WITH BRASS INSERT FOR ¼" SHAFT. 1⅜"x1"x¾".
KNBN026 $.25

FLUTED KNOB W/POINTER AND SKIRT FITS ¼" SHAFT. 1 1/8" DIA. ⅜" THICK.
KNBN027 $.25

1½" DIA. KNOTCHED KNOB WITH BRASS INSERT FITS ¼" SHAFT. SET SCREW TYPE. ⅝" HIGH.
KNBN028 3/$.25

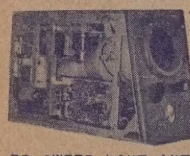
## SPECIAL PURCHASE



BC-221 FREQUENCY METER IS A PRECISION INSTRUMENT DESIGNED TO MEASURE R.F. IN THE 125 TO 20,000 Kc RANGE. WITH A NORMAL ACCURACY OF LESS THAN 2%. CONTAINS A 1000 Kc OSCILLATOR CIRCUIT FOR CALIBRATING THE UNIT AT DIFFERENT POINTS. CAN ALSO BE USED AS A SIGNAL GENERATOR AND VARIABLE FREQ. OSCILLATOR.
115 v. 60 CYCLE POWER SUPPLIES AS RECEIVED FROM MANUFACTURER WHO USED THEM ON THE TEST LINE. SHPG. WT: 25 LBS. NOT CHECKED $70.00

## POWER METER

TS-125/UP POWER METER
PORTABLE GENERAL PURPOSE, BATTERY OPERATED INSTRUMENT USED TO MEASURE RADIO FREQUENCY POWER IN THE 2400 TO 3335 MEGACYCLE RANGE, CONTINOUS WAVE OR PULSE. TWO SCALES ONE IN MILLIWATTS, OTHER IN DECIBELS ABOVE AND BELOW ONE MILLIWATT. POWER RANGE 0-2/4 MILLIWATTS W/ATTENUATORS ABOVE WITH PICK-UP ANT. BATT. REQ. 4.5VDC.. SIZE:10x8x5½; WT:14 LBS. USED $25.00

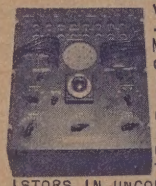


IP-291/MPA-4- INDICATOR ELEVATION; CONSISTS OF AM-1078A/M AMPLIFIER-VIDEO & O-298/MPA-4 GENERATOR SWEEP WITH CR TUBE 5ADP1,2/6AG7, 3/5814,2/6AH6,6AL5,6AU6, 5670 & 5687. CONTROLS ON FRONT PANEL WHICH IS SLANTED,SWEEP LGHT,INTENSITY,FOCUS AND IMAGE SPACING OFF-NOR-SEL/SIG. ALSO HAVE 2/23TR4 SYNCHRO RECEIVERS THAT OPERATE FROM 115 v. 400 cy NO POWER SUPPLY OF ANY KIND IN UNIT,NO CASE SIZE: 8½ WX 14 D PANEL, LENGHT TOP 22¼, BOTTOM 23½; WT: 35 LBS.
PRICE: UNUSED LESS SYNCHRO's $19.95

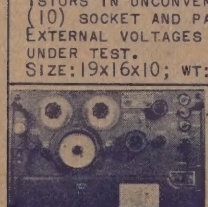
## ANALYZER

ANALYZER SELSYN ZEROING MODEL"B" USED WITH GENERAL ELECTRIC 2J SERIES UNITS. FOUR INCH METER WITH AC SCALES OF 0/3/30/300/600 VOLT 400 CYCLE, DC SCALE 0/50/500 VOLTS D.C. RESISTANCE SCALE 0/1000 10,000/1 MEG. OHMS. ELEVEN POSITION METERING SWITCH AND 4 TERMINALS FOR TEST LEADS. PORTABLE CASE. SIZE:8x13x5; WT; 10 LBS.
PRICE: WITH TEST LEADS & CAPS FOR SELSYNS $15.00 LESS THESE ITEMS $10.00

## TUBE TESTERS



VACUUM TUBE BRIDGE TAFFET#T-310 -6559 SIMILAR TO GR#561-D. MAKES POSSIBLETHE MEASUREMENT OF THE LOW FREQ. DYNAMIC COEFFIENTS OF VACUUM TUBES & TRANSITORS OVER A WIDE RANGE OF VALUES UNDER A VARIETY OF OPERATING CONDITIONS. ALSO CAN BE USED IN THE LAB. FOR STUDING THE BEHAVIOR OF TUBES AND TRANSISTORS IN UNCONVENTIAL CIRCUITS. WITH ADAPTER (10) SOCKET AND PATCH CORDS FOR VARIUOS TESTS EXTERNAL VOLTAGES ARE REQ. FOR THE DEVICE UNDER TEST.
SIZE:19x16x10; WT: 45 LBS. PRICE: USED $29.50



TS-35/AP SIGNAL GENERATOR USED FOR THE TESTING AND GENERAL MAINTANENCE OF RADAR EQUIP. PRODUCES SIGNALS, CW OR PULSED AND INTERNALLY OR EXTERNALLY SYNCHRONIZED, OF KNOWN FREQUENCY AND POWER. USED TO MEASURE THE FREQUENCY AND AVERAGE POWER OF RADAR TRANSMITT SIGNALS, AND TO PRODUCE FM SIGNALS FOR DETECTION OF DEFECTS IN RADAR EQUIP. WILL MEASURE SIGNAL TO NOISE RATION TRANSMIT RECEIVE RECOVERY TIME, FREQUENCY PULLING, AFC OPERATICN AND AND BANDWIDTH. FREQUENCY RANGE 8700-9500 MC POWER SUPPLY 115v±10% 50-1200 cyc. SIZE: 9x9x 14, WT: 35 LBS. PRICE: USED $39.95

RA-133 POWER SUPPLY; VOLTAGE REGULATED FOR BC-221,TS-175 AND SIMILAR TYPE FREQ. METER INPUT 115/230 v. 50/60 CYCLE OUTPUT 125 VDC & 6.3 VAC. FITS IN BATTERY COMPARTMENT.
SIZE:8⅜x4½x7; WT: 10 LB. USED $24.95

PORTABLE A.C. VOLTMETER THERMO-COUPLE TYPE, TRIPOLET MODEL 645 MIRROR SCALE 0-150 VOLT. LEATHER CARRING HANDLE AND HINGE DOOR FOR METER GLASS PROTECTION. 4½" SCALE,OVERALL SIZE 5½x6x2½; WT: 4 LBS.#5845-041-0718 $15.00

## VOLTMETER

THERMO-COUPLE VOLTMETER SENSITIVE RESEARCH INSTRUMENT MODEL A D'ARSONVAL DESIGN,ACCURACY .5 OF 1% (IN PERCENTAGE OF FULL SCALE) TEMPERATURE COMPENSATED. FREQUENCY RANGE .7 TO 5000 CYCLE IMPEDANCE 500 OHMS PER VOLT ALL FREQUENCIES,FULL SCALE CURRENT 2 MILLIAMPS. METER SCALE 0-7.5/30/75/150, LARGE 6" MIRRORD SCALE METER IN WOOD CASE.
SIZE:7½x7½x5; WT:10 LBS. PRICE: USED, $75.00

## GENERAL RADIO VTVM

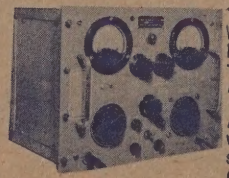
GENERAL RADIO VACUUM TUBE VOLT METER MODEL 726A. WIDE RANGE A.C VTVM HIGH IMPEDANCE AND STABILITY FOR USE IN AUDIO AND R.F WORK, 20 CPS. TO 50 MC. 2% ACCURACY OVER THE ENTIRE RANGE.
A.C. VOLTAGE RANGE .1 TO 150 IN FIVE BANDS WITH SPECIAL TEST PROBE.
VOLTAGE REQUIRED 110-130 60cy SLANTED FRONT FOR EASY VIEWING.
SIZE:9½x14x8; WT: 45 LBS.
PRICE: USED CHECKED $45.00

TS-352 MULTIMETER; PORTABLE GENERAL PURPOSE UNIT WITH A 4" 50 MICRAMP METER. FREQUENCY RANGE 25 TO 5000 CYCLES PS. USEFUL TO 20M. ACV RANGE:0-2.5/10/50/100/500/1000 DCV " SAME AS ABOVE ALSO 5000 V. USING INTERNAL MULTIPLI DCC RANGE:0-2.5/10/50/100/500/ 1000/10000 MILLIAMPS. RESISTANCE RANGE:0-1000/10M/100M/ 1000M/10000M OHMS.
SENSITIVITY 1000 OHMS PER VOLT FOR AC RANGES 1000 OR 20,000 " " " " DC "
SIZE:15x11x10; WT: 23 LBS. PRICE:USED $39.95

SOLD OUT

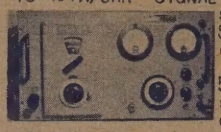
### COMPARATOR

CM-167/U SIGNAL COMPARATOR MIXES TWO FREQUENCIES AND DELIVERS AN OUTPUT PROPORTIONATE TO THE DIFFERENCE OF THE TWO INPUT SIGNALS. WHEN USED WITH A STRIP CHART RECORDER IT WILL COMPARE 2 ALMOST EQUAL FREQ. STANDARDS WHOSE FREQ. ARE EITHER 100 KC OR 1 MC.THIS WILL BE RECORDED AS A SINE WAVE. USES 4 1N281 DIODES IN A FULL BRIDGE CIRCUIT ALONG WITH RESISTORS, CONDENSERS, TRANSFORMERS ETC. INPUT IMPEDANCE 50 TO 5000 OHMS, INPUT COAX. CONN. BCN.SIZE:5½x3½x3½; 4 LB.NEW $4.95



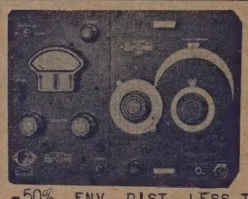
TS-730 SUMMATION BRIDGE WATTMETER USED TO MEASURE R.F. OUTPUT IN THE 1000 TO 4000 MC RANGE. EMPLOYS A DIRECT READING CIRCUIT IN WHICH A BOLOMETER ACTS AS ONE ARM OF A D.C. WHEATSTONE BRIDGE AT THE SAME TIME PROVIDING THE CORRECT RESISTIVITY TERMINATION FOR RADIO FREQ. POWER ENTERING THE WATTMETER. POWER INPUT 5 MW TO 5 WATTS. IMPUT IMPEDANCE 50 OHMS. METERS 3½" 0-50 RELATIVE POWER AND CENTER SCALE BALANCE. WITH TUBES 2/5651,6AU6,6AS7G & 5Y3GT. POWER REQ. 115 v. 50-1600 CYCLE.
SIZE:13x14x11; WT: 19 LBS.
PRICES: LESS ATTENUATOR KIT BUT AS ILLUSTRATED LESS CARRING CASE $14.95
WITH ATTENUATOR KIT AND CARRING CASE 35.00

## SIGNAL GENERATOR



TS-497A/URR SIGNAL GENERATOR 2 TO 400 MC SIMILAR TO MEASUREMENTS 80 SIX BANDS, .5% ACCURATE CONTINUOUSLY VARIABLE FROM .1 TO 100,000 MICROVOLTS, 50 OHM OUTPUT IMOEDANCE, SINE WAVE MODULATION CONT-CONTINUOUSLY VARIABLE 0-30 PERCENT AND IS DIRECTLY INDICATED ON THE PERCENT MODULATION METER. INTERNAL MODULATION 400 OR 1000 CYCLE EXTERNAL 50 TO 10,000 CYC AMPLITUDE AND CARRIER OUTPUT. VOLTAGE REQUIRED 117 VOLT 50/60 CYCLE. PORTABLE UNIT WITH REMOVEABLE COVER.
SIZE: 9½x19½x10½; WT:48 SHPG. 65 LBS.
PRICE: USED CHECKED FOR OPERATION $195.00

SOLD OUT

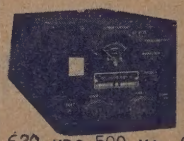


GENERAL RADIO SIGNAL GENERATOR MODEL 1021 250-920 MC IN ONE BAND, DIRECT READING CALIBRATION 1%, OUTPUT VOLTAGE CONT. ADJ. .5 TO 1 VOL OPEN CIRCUIT. OUTPUT IMP. 50 OHMS 10%, AMPLITUDE MOD. ADJ. 0 -50%, ENV. DIST. LESS THAN 5% AT 50% MOD. CARRIER NOISE LEVEL.2% MOD. STRAY FIELD LEAKAGE AND RESIDUAL OUTPUT VOLTAGE CANNOT BE DETECTED WITH A REC. HAVE 2-3 MV SENSITIVITY. POWER REQUIRED 115/230 VOLT 50/60 CYCLE.
SIZE:20½x14½x10½; WT: 40 LBS. COND. USED.
PRICE: $195.00 CHECKED FRO OPERATION $25 EXTR

## ME-6D/U V.T.V.M.

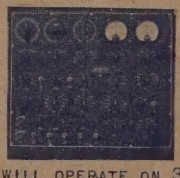
ME-6D/U ELECTRONIC MULTIMETER THIS IS A HIGHLY SENSITIVE VTVM WHICH ACCURATELY MEASURES AC VOLTAGES FROM 500 MICROVOLTS TO 500 VOLTS IN SIX RANGES OVER THE FREQ. RANGE OF 15 CYCLES TO 250 KC PER SEC. THE DECIBEL RANGE IS -5 TO -17, A JACK IS PROVIDED TO INSERT PHONE PLUG SO UNIT CAN BE USED AS A FLAT WIDE-BAND AMPLIFIER. MAX. VOLT GAIN APPROX. 4500, RECT. APPROX. 250 VDC. TUBES 5879,5726,0A2,2A12 & 2/6AH6, VOLTAGE REQ. 117 v.50-400 CYCLE. ACCURACY 3%
SIZE:5½x6½11½; WT: 12 LBS. USED $29.95

## SONAR

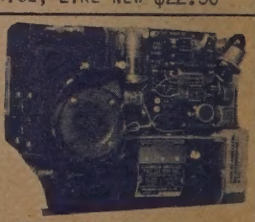


RT-200/AQS-4 SONAR RECEIVER-TRANSMITTER 20, 21 AND 22 KC APPROX. 150 TO 200 WATTS USES 2/829B TUBES PUSH-PULL, 2/6BE6,2/12AU7,1/6AQ7,2/0A2, 4/12AU7,2/6BA6,1/6AT6 & 6BF6 VOLTAGES REQUIRED 28 VDC, 630 VDC 500 MA, SIZE;17½x9x7; WT: 20 LBS.
PRICE USED $39.50

### COMPUTER



B-29 COMPUTER TESTER USED TO CHECK THE FIRE CONTROL SYS. THIS UNIT CONTAINS A VOLT-OHM METER WITH ONE OHM RANGE 300 OHM CENTER SCALE, AC; 3, 30,150,300. DC; 3,30,150. MILLIAMPMETER 2.5MA AND 25 MA. 2/2J1F1 400CYC SELSYN 1/2J1H1 SELSYN 400CYCLE WHICH WILL OPERATE ON 36V 60CYC. 11/WAFER SWITCHES 6/ POTENTIOMETERS, 8/TOGGLE SWITCHES, 1/FIVE PUSHBUTTON SWITCH, PLUS OTHER PARTS ALL IN A 19x12x16½ IN LUGGAGE STYLE CASE WITH 4 FIVE FOOT CABLES AND CONNECTORS. SH. WT. 50 LBS.
PRICE, LIKE NEW $22.50

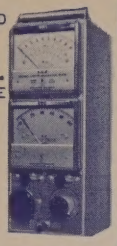


R-425B/ARW-59 RECEIVER USED IN PILOT LESS AIR CRAFT IN THE 406 - 420 MC. F.M. BAND, 15 CHANNELS WITH A RESULANT AUDIO TONE OUTPUT IN THE FREQ. RANGE OF 7.5 TO 22.17 K.C.SENSITIVITY 5 MICRVOLTS WITH TUBES 8/5840,5/ 5702,6/5718,2/5647, 1/5639 ALSO 2 CRYSTALS, 24 VDC BLOWER AND DYN. 24 VDC 2.3 A. OUTPUT 128 v. 205 MA.
SIZE:8x8x6; WT:10 LBS. USED $14.95

# AUTOMOTIVE

## STARTER - REGULATOR

VOLTMETER-AMMETER FOR TESTING BATTERY STARTER AND REGULATOR MODEL# 307-A



VOLTMETER HAS 3 SCALES 0-9,0-18 AND 0-45 VOLRS D.C.
SPECIAL SELECTOR SWITCH FOR MAKING RESISTANCE TESTS USING THE 9/10 SC. AMMETER SCALE MINUS 10-0-100 AMPERE THROUGH A BUILT-IN SHUNT CONNECTED IN THE TEST LEADS.
LOAD SWITCH IS USED TO CONNECT THE LOAD IN OR OUT OF THE CIRCUIT.
LOAD CONTROL CONSISTS OF VARIABLE PILE PLATES WHICH BY COMPRESSION PUTS A LOAD ON THE OUTPUT OF THE GENERATOR-STARTER CIRCUIT.
A FIELD RHEOSTAT IS USED TO CONTROL THE GENERATOR FIELD CIRCUIT FOR CERTAIN TYPE UNITS.
TWO LARGE 4½" METERS WITH 2% ACCURACY, 500 MICROAMP. MOVEMENTS, CHROME AND SATIN FINISH.

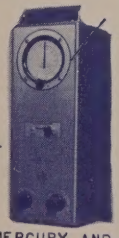
WITH TEST LEADS AND INSTRUCTIONS.
SIZE: 13x5x5; WT: 13 LBS. PRICE: $29.50

## COIL - CONDENSER TESTER

COMBINATION COIL AND CONDENSER TESTER WITH OHMMETER MODEL#332.
DESIGNED TO MAKE COMPLETE ANALYSIS OF COILS AND CONDENSERS IN AUTOMOBILE ENGINES USING FACTORY STANDARDS AND TEST METHODS.
PRECISION VIBRATOR APPLIES THE NORMAL CURRENT TO THE COIL AT THE PROPER DWELL. ANY BREAKDOWN OF THE OF THE INSULATION IS SHOWN ON THE METER BY IRRREGULAR OR LOW READING AN ELECTRONIC CIRCUIT CHECKS CONDENSERS FOR ACTUAL CAPACITY, LEAKAG SERIES RESISTANCE. THE LAST TWO TESTS WILLINDICATE CONDENSERS THAT WILL NEED REPLACING.
A 100,000 OHMMETER RANGE IS ALSO PROVIDED ON THE 4½" CHROME AND SATIN FINISHED METER THAT HAS A LABORATORY ACCURACY OF WITHIN 2%.
UNIT OPERATES FROM 6/12 VDC, WITH TUBES 1/0A2 1/12AU7 & 1/6X4 ALSO TEST LEADS, W/INSTRUCTIC
CABINET SIZE 14x5x6; WT: 10 LBS.
PRICE: $19.95

## VACUUM CONTROL

PRECISION VACUUM CONTROL #348



DESIGNED TO CHECK AND ADJUST DISTRIBUTOR VACUUM ADVANCE ON THE CAR WHEN USED WITH ELECTRONIC IGNITION ANALYER. CAN ALSO BE USED TO DETERMINE ENGINE PERFORMANCE BY VACUUM READINGS AND GAUGE READINGS REFLECTING ON ENGINE OPERATING CONDITIONS.
DISTRIBUTOR AND MANIFOLD VACUUM CONTROLS ARE PROVIDED WITH SELECTOR SWITCH.
THE 3" GAUGE READS IN INCHES OF MERCURY AND THE CONCENTRIC SCALE READS 0-10 ON THE FIRST REVELOUTION AND FROM 10-24 INCHES OF VACUUM ON THE SECOND. ZERO ADJUSTING CONTROL PROVIDED. ALSO TEST LEADS AND INSTRUCTIONS.
SIZE: 13x5x5; WT: 5 LBS. PRICE: $14.95

## TACHOMETER - VOLTMETER

DYNA-VISION ACCESSORY UNIT#337
COMBINATION TACH-VOLTMETER.

TACH RANGES 0-1000 AND 0-5000 R.P.M. VOLT RANGE 0-18 VDC.
USED FOR CHECKING R.P.M. AND LOW VOLTAGE CIRCUIT OF AUTO ENGINES, ALSO PROVISIONS FOR PLUGING IN TIMING LIGHT.
METER IS 4½" CHROME AND SATIN FINISH WITH 500 MICROAMP. MOVEMENT.
OPERATES FROM 6/12 VDC WITH TUBES 1/0A-2 & 1/2D21.
SIZE: 13x5x5; WT: 8 LBS.
PRICE: $19.95

## AMPS.-VOLTS-REGULATOR

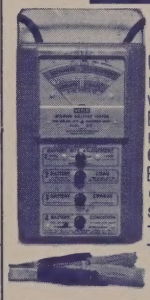
AMPS-VOLTS-REGULATOR TESTER WITH POINTS RESISTANCE CHECK MODEL#322
LARGE 4½" METER 500 MICROAMP MOVEMENT BLACK AND SILVER SATIN FINISH.
VOLT SCALE 0-18 VDC WITH SPECIAL BUTTON FOR READING 0-1.8
D.C AMPERE SCAL 0-60 [illegible] SELECTOR SWITCH FOR EACH READING
SEPARATE CABLES FOR VOLTS, AMPS. & RESISTANCE READINGS.
METER SCALE IS MARKED FOR PTS, CRK, COIL AND REG TESTS.
FACE OF UNIT IS POLISHED CHROME AND BLACK SATIN FINISH. COMPLETE WITH INSTRUCTIONS FOR MAKING THE VARIOUS CHECKS. MFG. MAQUETTE.
SIZE: 10x6x4; WT: 8 LBS. PRICE: $14.95

SOLD OUT

## IGNITION - TESTER

METER IGNITION TESTER MODEL# 327
LARGE 4½" METER WITH 500 MICROAMP 0-30 SCALE ALSO MARKED LOW, AVERAGE FOR CHECKING IGNITION SYSTEMS.
SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS.
WITH OPERATING INSTRUCTIONS.
CHROME MIRRORED FACE WITH BLACK AND GREY SATIN FINISH.
THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE.
SIZE: 11x6x4; WT: 8 LBS.
PRICE: $14.95

## BATTERY ANALYZER

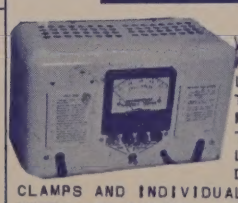


HEYER 12 VOLT OVER-ALL BATTERY ANALYZER MODEL 12 BT
FOUR STEP BATTERY ANALYZER WITH LARGE 4½" METER AND HEAVY CABLES WITH SURE-GRIP CLAMPS.
BATTERY SIZE ADJUSTMENT SWITCH FOR SMALL 30-40 APH, MEDIUM 50-60 APH AND LARGE 70-80 APH BATT.
BATTERY LOAD SWITCH, BATTERY CHARGE SWITCH & BATTERY CONDITION SWITCH FOR MAKING THE REQUIRED TESTS WHICH IS INTERPERTED ON THE APPROPIATE SCALE OF THE METER
SIZE: 11½x6x6; WT: 12 LBS. W/INSTR.
PRICE: $19.95

## BATTERY TESTER

ATLAS SAFETY-CHARGE BATTERY TESTER MODEL PSC-1-TRG. FOR 6 OR 12 VOLTS.
LARGE 4" METER FOR EASY READING OF BATTERY CONDITION, SHOWS IF BATT. IS SERVICEABLE, NEEDS RE-CHARGING OR REPLACEMENT ALSO INDICATES CHARGING VOLTAGE, LOW, NORMAL OR HIGH.
THIRTY SIX INCH CABLE AND TEST PROBE FOR CHECKING EACH CELL.
RUGGEDIZED PLASTIC METER CASE AND UNBREAKABLE PLASTIC METER FACE.
SIZE: 4½x4x3; WT: 3LBS. W/INSTRUCTIO
PRICE: $4.95

## BATTERY TESTER



HEYER MODEL WT-101
WAREHOUSE BATTERY TESTER FOR CHECKING CELLS UNDER LOAD. SIX OR 12 VOLT BATTERIES. INDICATOR LIGHTS FOR OCV TEST AND LOAD TEST FOR 6 VOLT, 12 VOLT LIGHT DRAIN, 12 VOLT HEAVY DRAIN. HEAVY SUR-GRIP CLAMPS AND INDIVIDUAL CELL PROD. LARGE 4½" METER AND HANGERS FOR WALL MOUNTING.
SIZE: 15x10x7; WT: 15 LBS. $19.95

## COMPRESSION

COMPRESSION TESTER ADAPTER GAUGE No. 1949 WITH LARGE 2½" BRASS CASE, 0-300 LB PRESSURE, BRASS FITTINGS. 3 LBS. $5.95

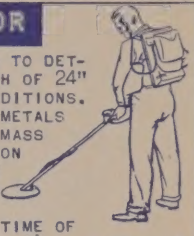
## TRANSCEIVER

BC-645/ABA-1 TRANSCIEVER ARMY-NAVY-AIR FORCE TRANSPODER USED FOR FREIND OR FOE INDENTIFICATION IN THE 460-490 MC BAND. COMPLETE WITH TUBES 4/7F7, 4/7H7, 2/7E6, 2/6F6, 2/955 & 1/316.
SIZE: 11x6½x14; WT: 20 LBS.

| | |
|---|---|
| BC-645/ABA-1 RECEIVER-TRANSMITTER N | $16.95 |
| MOUNTING FOR " " | 1.50 |
| BC-646 CONTROL BOX | 1.95 |
| MOUNTING FOR BC-646 CONTROL BOX. | 1.00 |
| PE-101 DYNAMOTOR 12/13-24/26 VDC; 12.6/6.3 AMPS. OUTPUT 400 VDC @ 135 MA 800 VDC @ 20 MA. 9V 80CYC. 1.12A. SIZE: 14x7x5; WT: 13 LBS. NEW | 7.95 |
| UHF ANTENNAS 2 PER SET | 1.95 |
| PLUGS COMPLETE SET $4.95 INDIVIDUAL | 1.50 |
| COMPLETE SET OF ALL ITEMS DESCRIBED ABOVE ALL BRAND NEW | $29.95 |

THOUSANDS OF THESE SETS HAVE BEEN SOLD FOR CONVERSION TO THE 460-470 & 470-500 MC BANDS.

## MINE DETECTOR



SCR-625 MINE DETECTOR: USED TO DETECT BURIED MINES TO A DEEPTH OF 24" DEPENDING ON THE GROUND CONDITIONS.
CAN ALSO BE USED TO DETECT METALS OF ANY KINDS PROVIDING THE MASS IS MORE THAN 3" LG. DETECTION IS NOTED BY A AUDIABLE TONE OR VISUAL INDICATION ON THE METER, DEPENDING ON THE TYPE UNIT AVAILABLE AT THE TIME OF SHIPPING. REQUIES 2 STANDARD 1½ V. BATT. AND EVEREADY W-361. UNIT IS SHIPPED IN CARRING CASE WT: 75 LBS. (USED CHECKED.)
PRICE: LESS BATTERIES $39.95 W/BATTER $44.95

RDR NAVY RADIO RECEIVER
225 TO 390 MC. CRYSTAL CONTROL ON ANY 10 PRE-SET CHANNELS WHICH ARE MANUALY SELECTED FROM THE SET OR CAN BEELECTRICILY SELLECTED FROM A REMOTE POSITION BY USE OF THE MOTOR DRIVEN SELECTOR. WITH TUBES 1/9003, 1/6AK5, 1/6J6, 4/12SG7, 2/12H6, 2/6C4, 1/12SL7, 1/6AG7 & 1/12A6. POWER REQUIRED 12 VOLT D.C.
SIZE: 21x16x9; WT: 45 LBS.
RDR CRV-46283 NEW $39.50 MANUAL ... . $5.00

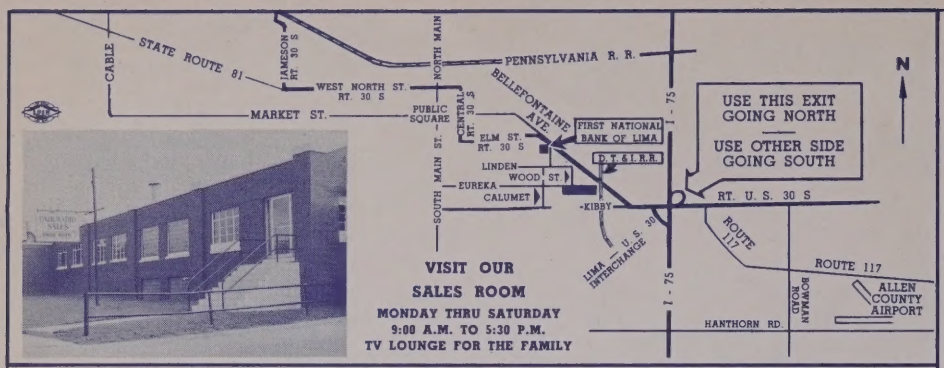
## AUTOMOTIVE

MOTOR EX-RAY IGNITION OSCILLOSCOPE HEYER MODEL 326-A 115 VOLT 60 CYC
USED TO GIVE A VISUAL INDICATION OF THE PERFORMANCE OF SPARK PLUGS, COIL AND DISTRIBUTOR ON A 3" CATHODE RAY TUBE #SG-2732. SELECTOR SWITCH FOR 16 KV & 32 KV PATTERN CONTROL KNOB AT HANDLE, 9' 3 PRONG LINE CORD, 5' TEST LEADS.
SOLD AS USED, LESS CR TUBE SG-2732 AND NO GUARANTEE AS TO OPERATION. (DO NOT KNOW SUB)
SIZE: 13x6x4 LESS HANDLE. WT: 8 LBS.
PRICE: $5.95

DYNA-VISION ACESSORY UNIT HEYER 336
TWO 4½" METER 500 MICROAMP MOVEMENT. TOP METER IS FOR CHECKING VOLTS-RPM WITH SELECTOR SWITCH FOR THE 3 SCALES 0-18, 0-1000 & 0-5000. LOWER METER IS FOR SPARK ADVANCE ALSO HAS SELECTOR SW. AND PLUG FOR TRANSDUCER PICK-UP. USES TUBES 6AL5, 6AU6, 5696, 2D21 AND 2/0A2. SIZE: 13x5x5; WT: 13 LBS.
SOLD AS USED, NO GUARANTEE AS TO OPERATION FOR IT'S INTENDED USE.
PRICE: WITH TUBES $13.95 LESS TUBES $9.95

WINCO AMMETER; BRASS CASE, CHROMED, 2½" RD. SCALE 100-50-0-50-100 #AM-3018L $1.95

SPARTON HORN; 12 V.D.C HIGH PITCH, MODEL SA OEM PART NO. S-34. 5½x6½x2½; 3LB. $1.75




GOD IS JUST A PRAYER AWAY

Fair Radio Sales Co.
1016 E. EUREKA ST.
Lima, Ohio 45802
P. O. BOX 1105


RETURN POSTAGE GUARANTEED

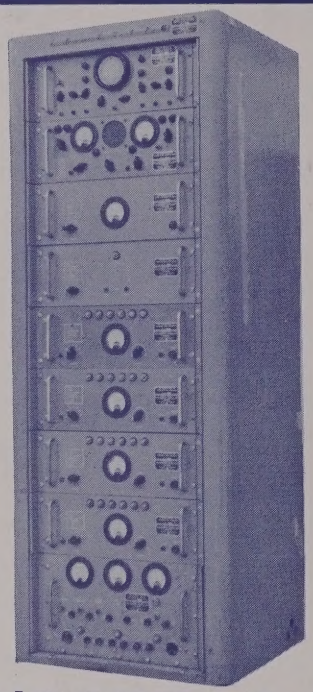
Bulk Rate U. S. POSTAGE PAID Lima, Ohio Permit No. 74

## AN/FGC-5 TELEGRAPH TERMINAL SET

AN/FGC-5 TELEGRAPH TERMINAL SET IS A COMPLETE SEND-RECEIVE ELECTRONIC TIME-DIVISION MULTIPLEX TELEGRAPH TERMINAL FOR TWO, THREE OR FOUR START STOP TELEGRAPH CIRCUITS.
THE SYSTEM CAN BE OPERATED FROM 115/230 VOLT 50/60 CYCLE AND COMES IN 2 CABINETS OA-150 FOR THE RECEIVING GROUP ( SHOWN TO THE RIGHT) AND OA-151 FOR THE TRANSMITTING GROUP. (NOT SHOWN BUT THE CABINETS ARE THE SAME)
THE OA-150 RECEIVER GROUP CABINET CONTAINS ONE EACH OF OS-11,C-621,O-100,TT-64,PP-484 AND 4/CV-94 PLUS THE CONNECTING CABLES ETC.
THE OA-151 TRANSMITTER GROUP CABINET CONTAINS ONE EACH OS-11,C-620,O-101,TT-58, PP-484 AND 4/CV-81 PLUS CABLES & PLUGS ETC.

CABINETS AND UNITS ARE DESCRIBED ON THIS PAGE ALL EQUIP. IS IN USED SERVICEABLE CONDITION.

SHIPPING WEIGHT EACH UNIT APPROX. 700 LBS.
OA-150/FGC-5 RECEIVER GROUP $195.00
OA-151/FGC-5 TRANSMITTER GROUP $195.00



OA-150/FGC-5 RECEIVING GROUP

CV-94/FGC-5 TELEGRAPH CODE CONVERTER, RECEIVING GROUP ACCEPTS THE SIGNAL CODE COMBINATION, MOMENTRARILY STORES AND GENERATES THE PROPER SIGNAL TO BE SENT ON TO THE START-STOP CIRCUIT, INCLUDES 6 INPUT SIGNAL LAMPS, MONITOR SELECTOR, OUTPUT JACKS FOR MONITOR SCOPE TRIGGER & PRINTER, 3½" METER 100-0-100 MA DC W/ TUBES 9/12AU7,3/12AT7 & 13/5663 & MERCURY RELAY. RACK MTG. 19x7x13: WT: 22 LBS USED $16.95

TT-64/FGC-5 RECEIVING SIGNAL DISTRIBUTOR ACCEPTS THE AMPLIFIED MULTIPLEX SIGNAL FROM THE CONTROL MONITOR, DETECTS THE PATTERN, INVERTS TO NORMAL AND SENDS PROPER CODE COMBINATION TO CONVERTERS. W/ TUBES 12/12AU7,4/12AT7,10/5663, 2 PUSH SWITCHES FOR IMPULSE & CHANNEL PHASING & MONITOR SELECTOR. RACK MTG. 19x7x13: 22 LBS, USED $16.95

C-621/FGC-5 CONTROL MONITOR RECEIVING GROUP DECOUPLES AND AMPLIFIES SIGNAL WITH PROVISION FOR MONITORING W/ SPEAKER & 3½" METERS 0-100 MA. DC. & 0-1 MA MOVEMENT & SCALE 0-200 FOR READING MULTIPLEX DRIVE & WPM. W/ TUBES 8/6SN7,1/6SL7,2/6V6 & 1/2B23. REQUIRES 225 VDC & 6.3 VAC. USED $19.95

O-100/FGC-5 SIGNAL DISTRIBUTION DRIVE RECEIVING SUPPLIES DRIVING PULSES TO SIGNAL DISTRIBUTOR RECEIVING SECTION WHICH ARE CRYSTAL CONTROLLED FREQ. OF APPROX. 101.25 KC. W/ START-STOP INTERVAL, FOUR CHANNEL SELECTOR & 3½" CORRECTION METER 5-0-5 0-1MA MOVE. W/ TUBES 12/12SN7 & 2/6SJ7 USED $16.95

C-620/FGC-5 CONTROL MONITOR TRANS. GROUP AMPLIFIES SIGNALS FROM TRANS. SIG. DIST. COUPLES OUTPUT TO MULTIPLEX TRANS. CIR. NECESSARY CONTROLS SWITCHES & LIGHTS TO DO THIS ALSO WESTON METERS 301, 3½" 0-100 MA DC AND MULTIPLEX DRIVE FREQ. METER CALB. CYC PER. SEC. 60 & 75 WPM. 0-1 MA. DC. BASIC.FS. W/ TUBES 5/6SN7,2/6V6, VOLTAGE REQ. 6.3 VAC, 115 VDC & 225 VDC. W/ SCHEMATIC SIZE: 19x7x13; WT: 23 LBS. $19.95

O-101/FGC-5 SIGNAL DISTRIBUTOR DRIVE TRANSMITTER GROUP SUPPLIES TIMED DRIVING IMPULSES TO THE TRANSMITTER DISTRIBUTOR, CRYSTAL OSCILLATOR 101.25 KC IN OVEN, AMPLIFIER CIRCUIT USES TUBES 6/6SN7,1/6SJ7, 7 POSITION SW. FOR FREQ. & FAC. SEL. VOLT. REQ. 6.3 AC.-115 & 225VDC. 19x7x13: 15 LBS. $12.95

FGC-5 DELUXE CABINET FOR 19" PANEL MOUNTING 8 DRAWERS 7" HIGH WITH FULL GLIDE SUSPENSION AND TIP OVER FEATURE FOR EASY SERVICING, ONE BOTTOM DRAWER 11-1/8" HIGH, STANDARD MOUNTING GLIDES CAN BE REMOVED FOR STANDARD MOUNTING. FULL DOOR IN BACK WITH DUAL BLOWER. SIZE:73x27x24½; SHPG. WT: 300 LBS. $45.00

CV-81/FGC-5 TELEGRAPH CODE CONVERTER TRANS. CIRCUITS FOR ACCEPTING & DETECTING START-STOP SIGNALS FROM 1 CIRCUIT STORING THE FIVE ELEMENT CODE COMBINATIONS AND TRANSFERING THE STORED SIGNALS TO POSITIONS ARE USED BY THE TRANS. SIG. DIST. IN THE MULTI. CIR. WESTON 301 DC MA 100-0-100, 30 TUBES, 19/5663,5/12AT7,5/12AU7 & 1/3B23. VOLTAGE REQ. 6.3 VDC 115 VDC & 225 VDC. SIZE 19x7x13; WT: 23 LBS. $16.95

TT-58/FGC-5 TRANSMITTER SIGNAL DISTRIBUTOR CONTAINS CIRCUITS WHICH FORM THE MULTIPLEX TELEGRAPH SIGNAL,THE PATTERN BEING DETERMINED BY THE CODE SIGNALS SET UP IN THE PARTTICULAR TEL. CODE CONVERTERS IN USE.IT CONTAINS A CRYSTAL OSC., SUBDIVIDER, AMP. CIR., IND. LAMP AND SW. FOR SELECTION OF PROPER OUTPUT FREQ. FOR NUMBER OF CHANNELS IN USE ALSO A SW. TO CONNECT TO CONTROL-MONITOR FOR OSCILLOSCOPE VIEWING. WITH TUBES 19/12AT7,10/5663. VOLTAGES REQ. 6.3; 115 & 225 VDC. SIZE: 19x7x13; WT: 15 LBS. $19.95

PP-484/FGC-5 VOLTAGE REGULATED POWER SUPPLY OPERATES FROM 115/230 VOLT 50/60 CYCLE 1 PH. OUTPUT 115 VDC 100 MA 225 VDC 550 MA. 4/6.3 VAC 12 AMP. -6.3V BIA WESTON 301 METERS 3½" 0-10 VAC; 0-200 VDC & 0-500 VDC W/ TUBES 2/3B28, 2/2050,2/12AU7,6Y6 & 5U4 ALSO 2 AC OUTLETS ON FRONT PANEL. SIZE: 19x14½x20: WT: 150 LBS. PRICE: $39.95

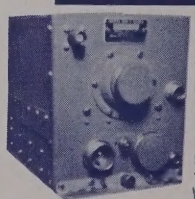
CONNECTOR PLUGS TO FIT INDIVIDUAL UNITS ...$1.50 EACH PLUG

## OSCILLOSCOPE

OS-11/FGC-5 OSCILLOSCOPE USED FOR MONITORING SIGNALS AND TESTING OF THE FGC-5 TELEGRAPH EQUIPMENT. HAS STANDARD SCOPE CONTROLS PLUS A TRIGGERED SWEEP CONTROL CIRCUIT, ATTENUATOR SELECTION SWITCH ETC. WITH TUBES 1/5AT1,1/2AU7,1/6X4,1/2X2 AND 3RP1 C.R. HAS 115 VOLT 60 CYCLE POWER SUPPLY. PANEL MTG. 19x7; WT: 28 LBS. USED $49.50

SOLD OUT

## RECEIVER 108-135 MC



AIRCRAFT RADIO RECEIVER VHF 108 TO 135 MC AM, CONTINUOUS TUNING, NO DIAL ON RECEIVER DESIGNED FOR REMOTE USE, 15 MC. I.F. REQUIRES 24/28 VOLTS FOR FILAMENT AND 250 VDC 60 MA. HV. HAS FICILITY FOR MOUNTING DYNAMOTOR ON THE REAR SUCH AS D-10/DM-32 WITH TUBES 3/9003,1/9002, 2/14R7,1/14A7,1/14F7 & 1/12A6. HAS PHONE OUT PUT JACK ON THE FRONT ALSO INPUT & OUTPUT PL
SIZE:6½x5x11⅛; WT: 10 LBS.
R-15 RECEIVER NO SQUELCH USED $16.95
R-509/ARC RECEIVER WITH SQUELCH, USED $19.95
SPIN TUNING KNOB FOR LOCAL USE $ 1.00
UG-88/U COAX. CONN. FOR ANTENNA USED $ .30

CONNECTOR PLUGS TO FIT FRONT OF SET $1.50 EA.

GRAB BOX ASSORTMENT OF NEW & USED USEABLE ELECTRONIC ITEMS CONSISTS OF PARTS AND ASSEMBLIES SUCH AS RESISTORS, CONDENSERS, MOTORS,TRANSFORMERS, CHOKES, COILS, CONTROL BOXES CIRCUIT BOARDS, CHASSIS AND MANY OTHER ITEMS TOO NUMEROUS TO MENTION.
PACKED IN A CARTON AND THE WEIGHT WILL BE AT LEAST 50 LBS.
( A GOOD FILLER WHEN YOU ARE BUYING OTHER MATERIAL AND YOU DO NOT HAVE ENOUGH WEIGHT TO MAKE THE MINIMUM MOTOR FREIGHT CHARGE.)
# GB-71 50 LB BOX $5.00 --100 LBS. $9.00